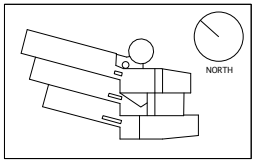


UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branson Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

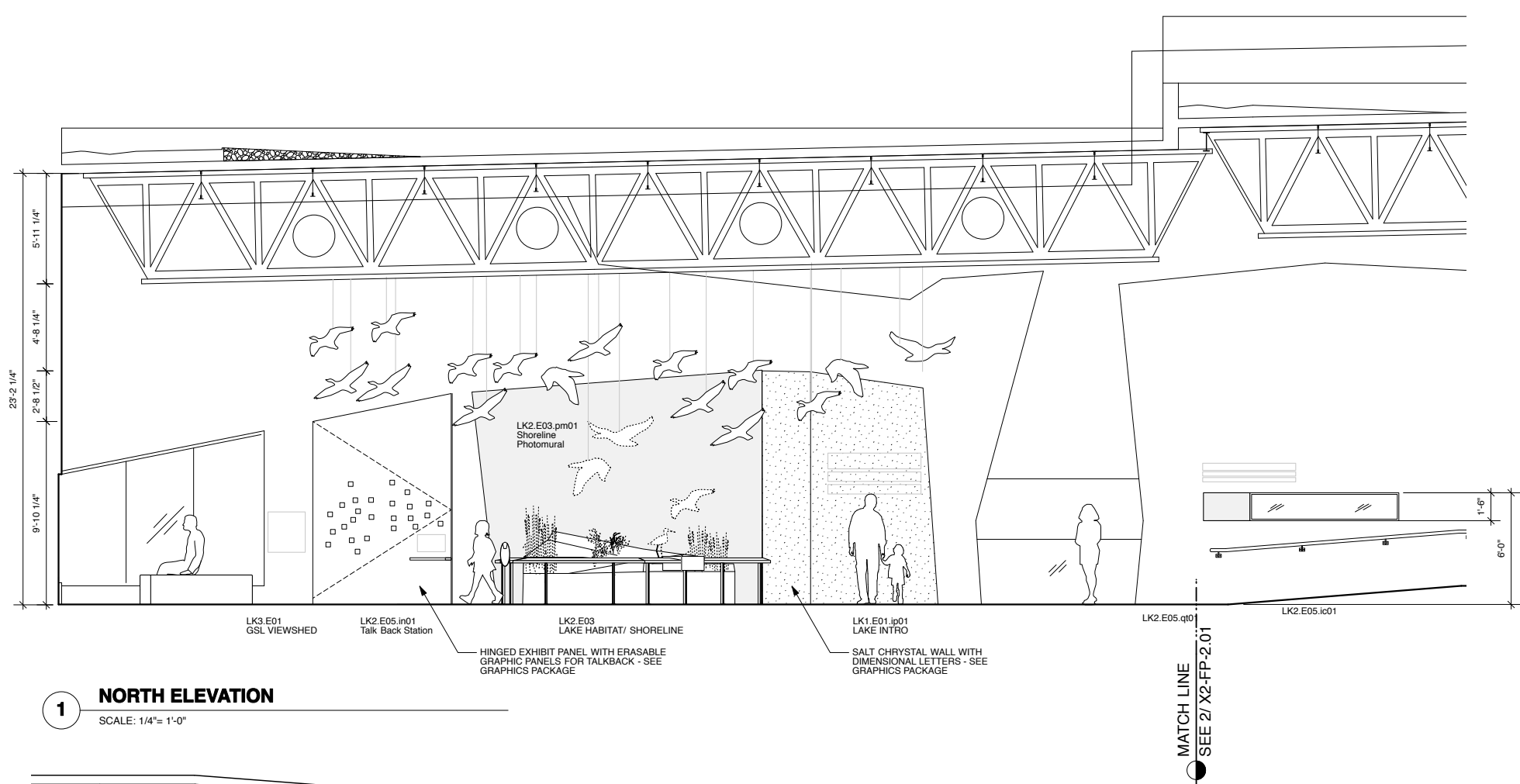
Level 3 Partial Plan & RCP: Lake Observatory

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.

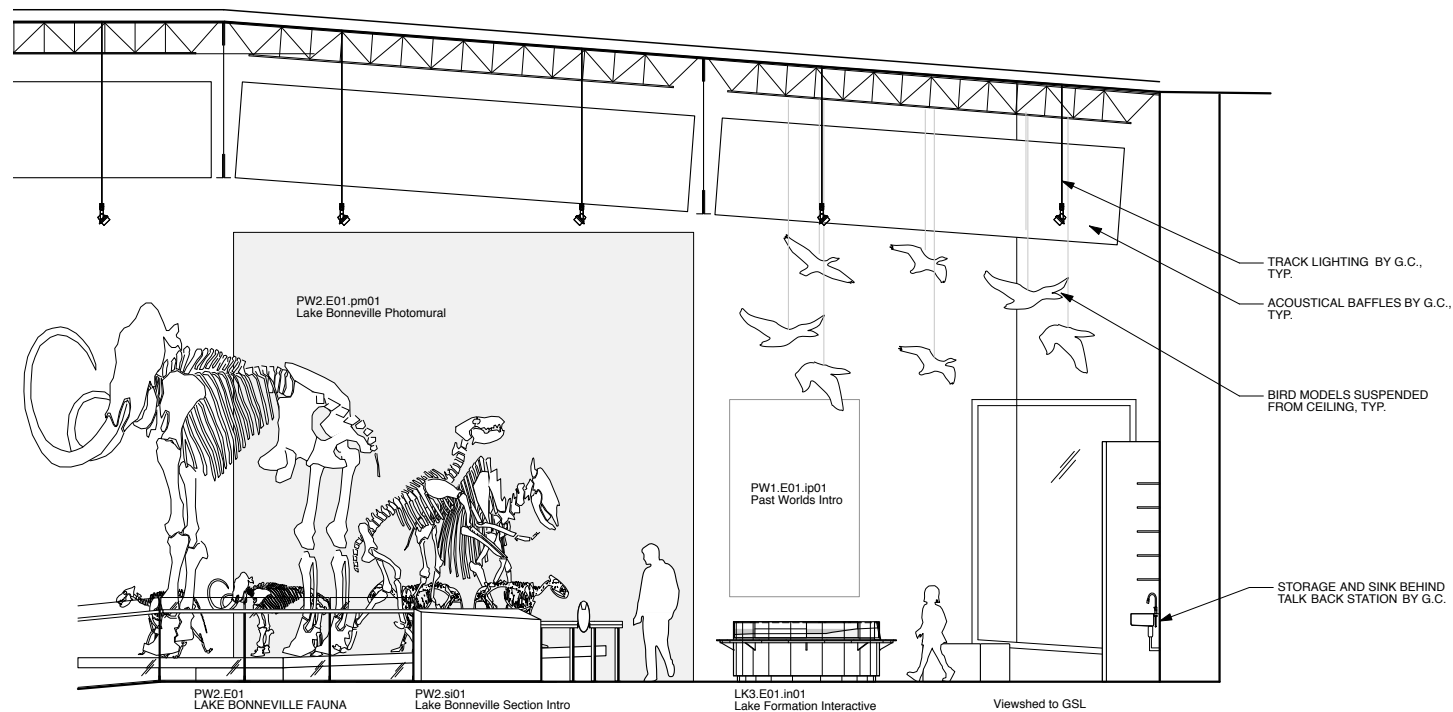
1/4"=1'-0"

X3-LK-1.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 NORTH ELEVATION
SCALE: 1/4"= 1'-0"

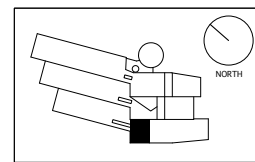


2 WEST ELEVATION
SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



Key Plan

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshhek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 175 South Main Street Salt Lake City, Utah 84103 801.322.2400 tel	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstion Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBi Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

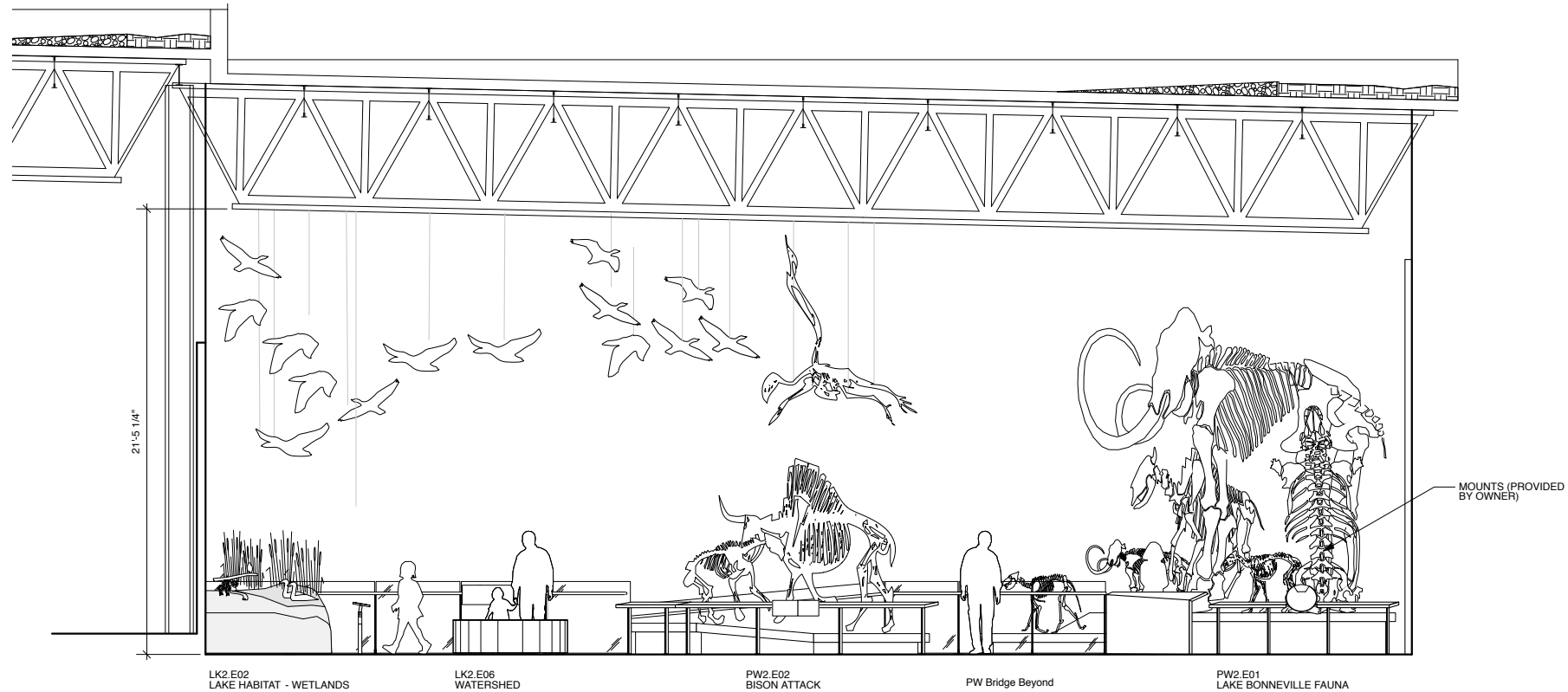
No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

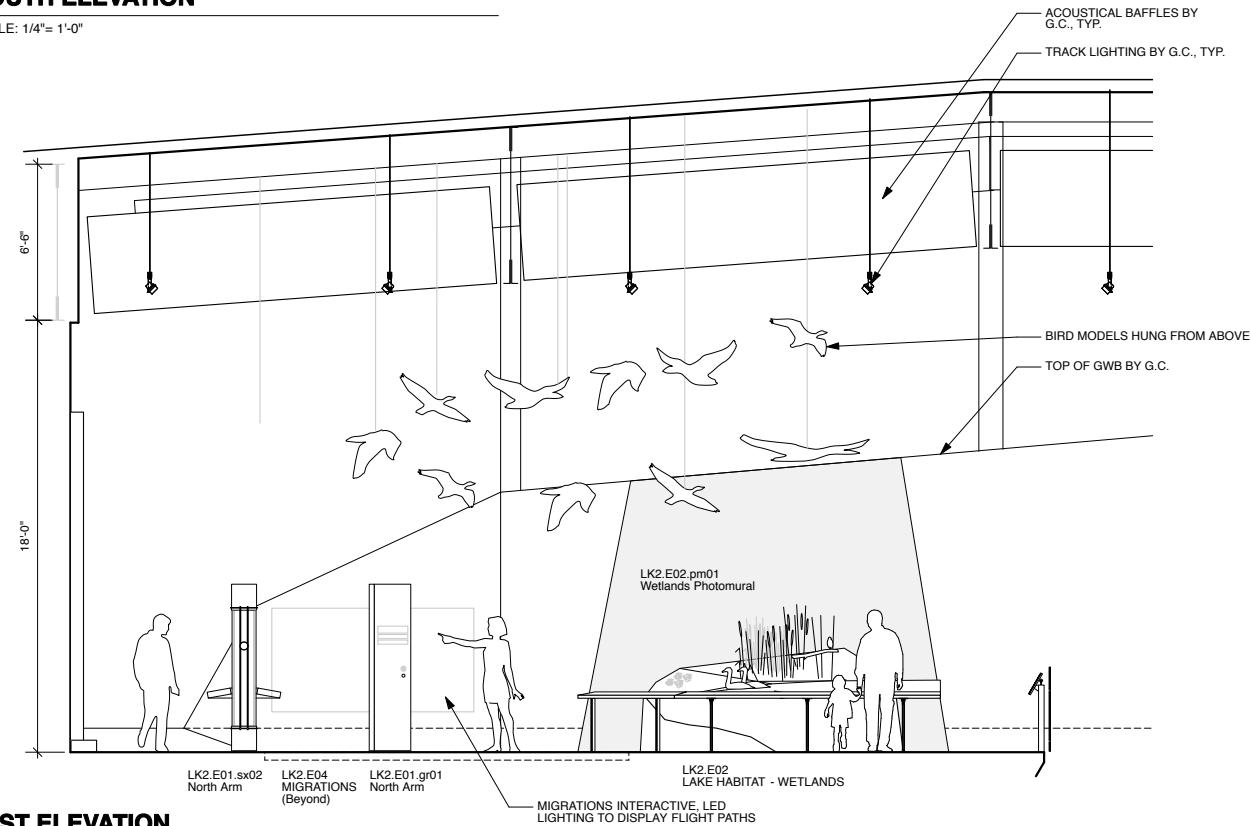
No. / Issue Name / Date

Sheet Title	
Level 3 Sections & Elevations: Lake Observatory	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X3-LK-2.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 SOUTH ELEVATION
SCALE: 1/4"= 1'-0"

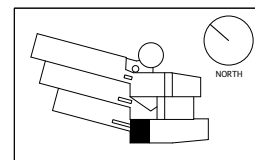


2 EAST ELEVATION
SCALE: 1/4"= 1'-0"

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
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No. / Issue Name / Date

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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title	
Level 3 Sections & Elevations: Lake Observatory	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X3-LK-2.01

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

Owner
UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Design Architect
Polishek Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Architect of Record
Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer
Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer
Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel

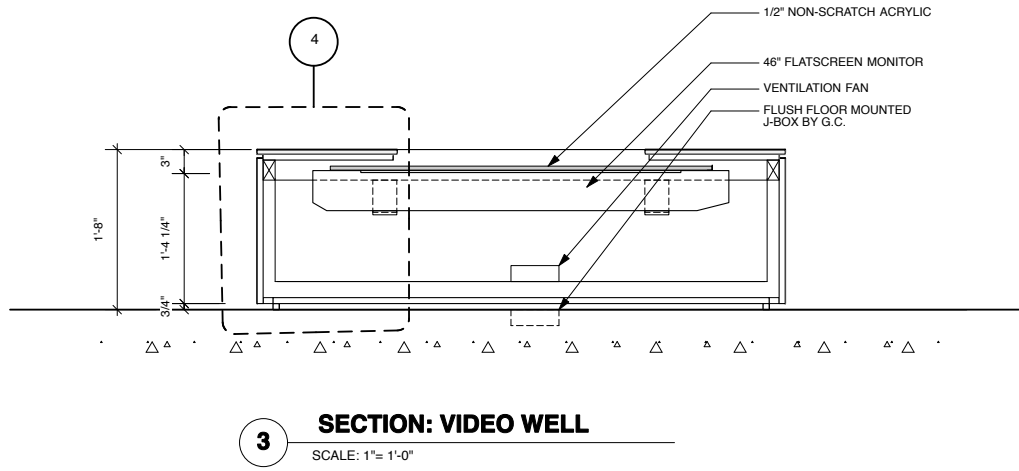
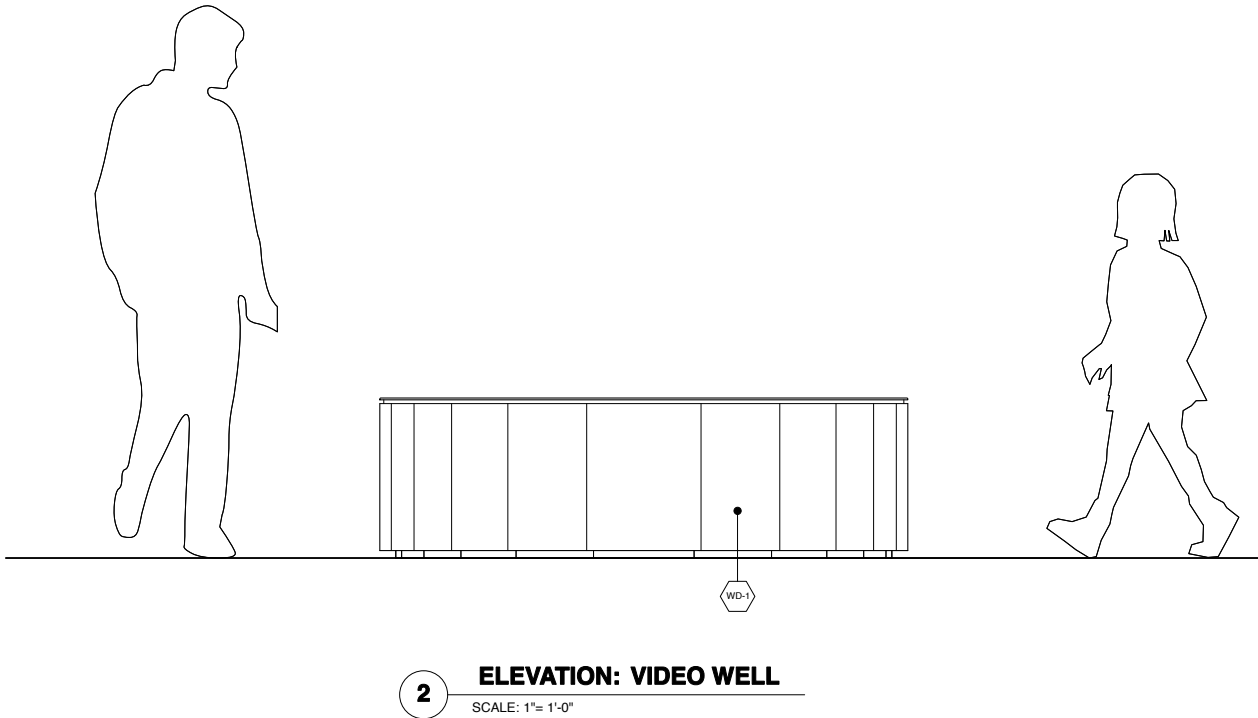
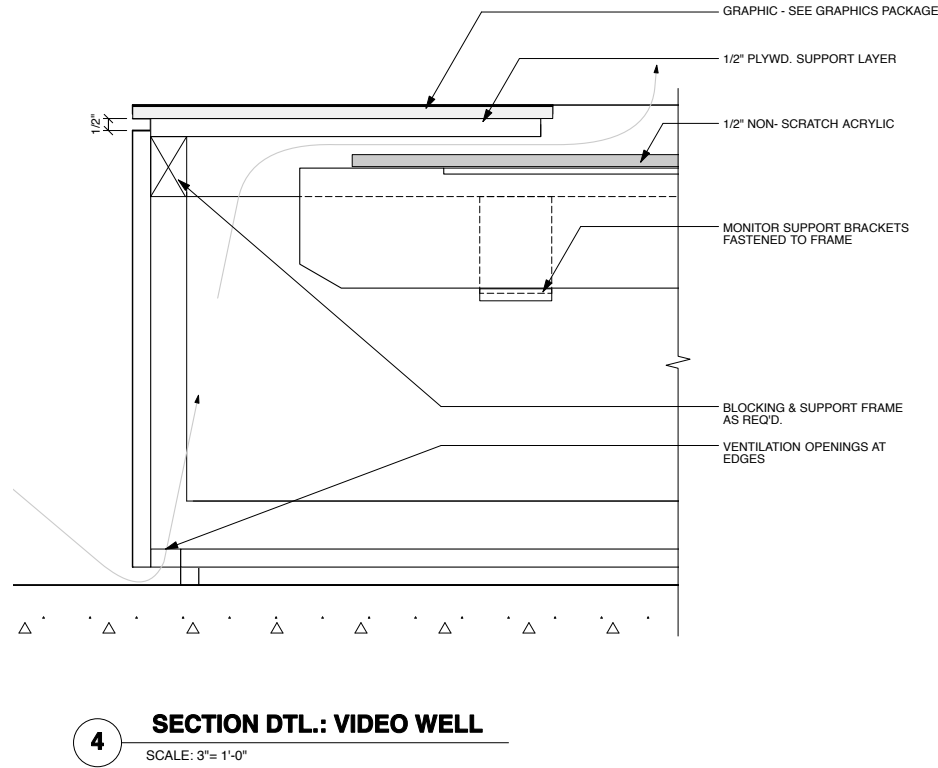
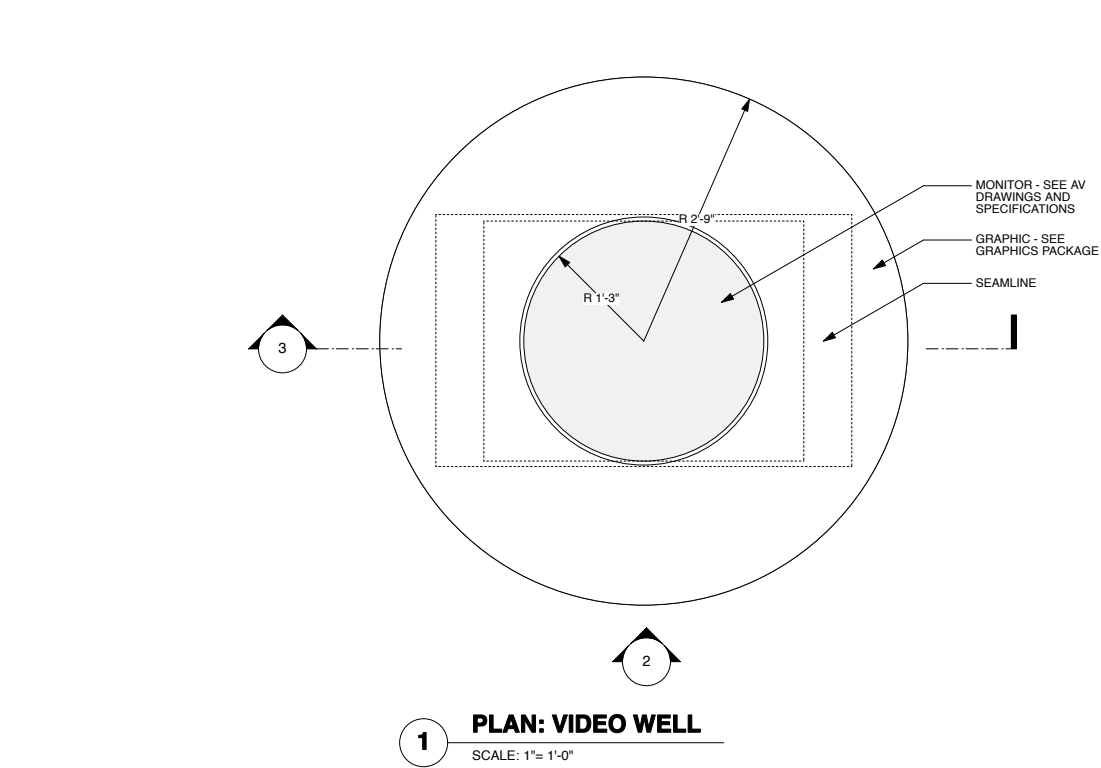
Electrical/AV Engineer
Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel

Landscape Architect
Design Workshop, Inc.
1736 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting
Branson Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual
BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415.685.9555 tel.

Exhibition Planner and Designer
Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.

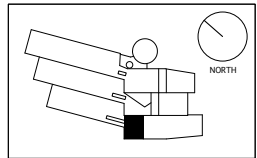


UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

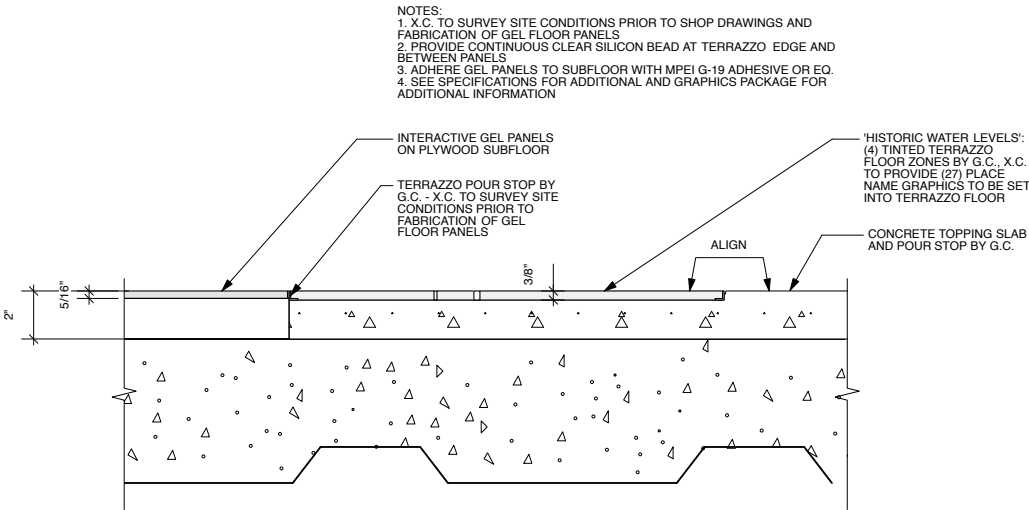
No. / Issue Name / Date

Sheet Title
**Level 3 Details: Video Well
Lake Observatory**

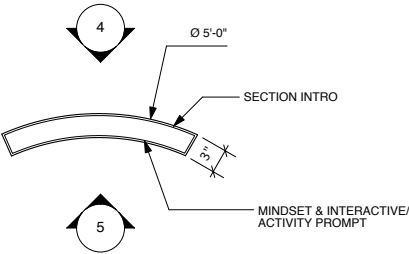
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
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X3-LK-3.00

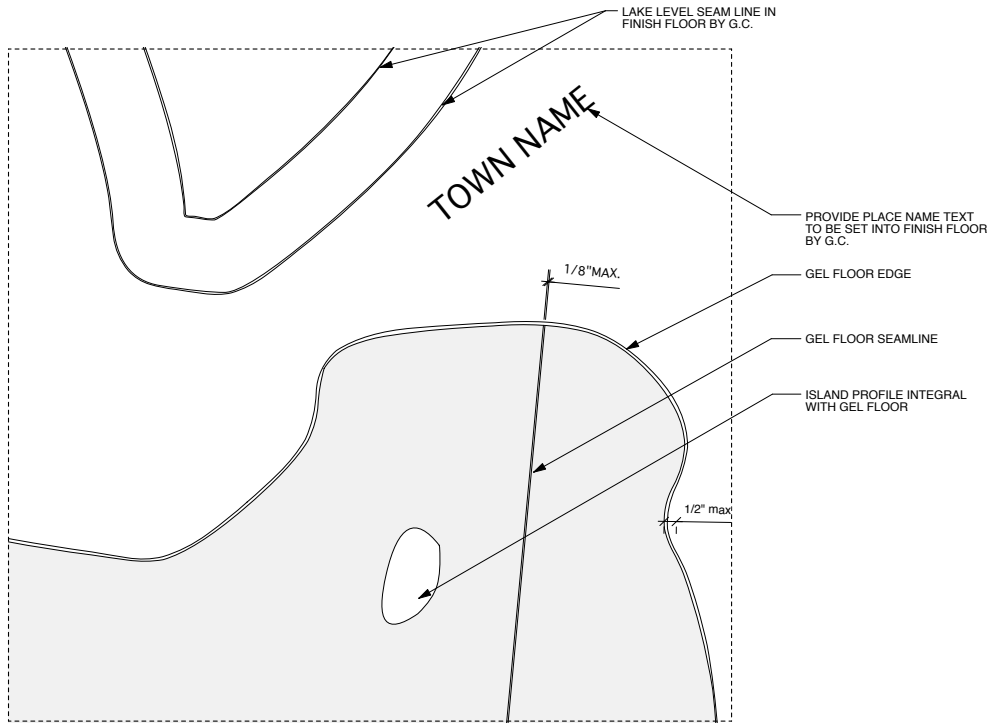
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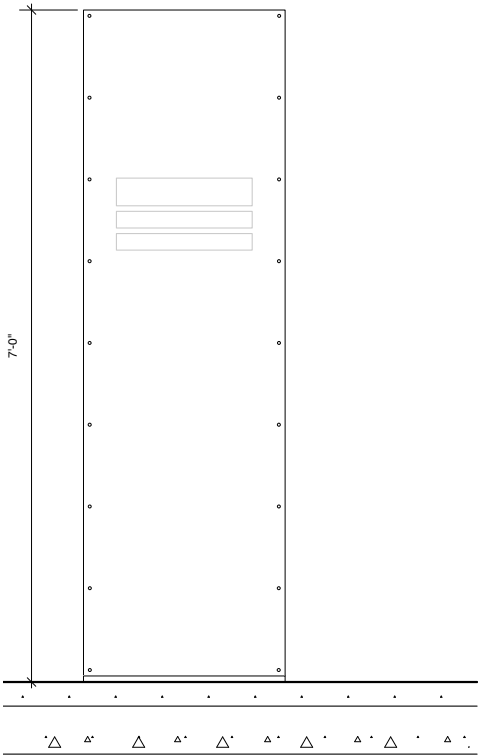
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SCALE: 3"= 1'-0"



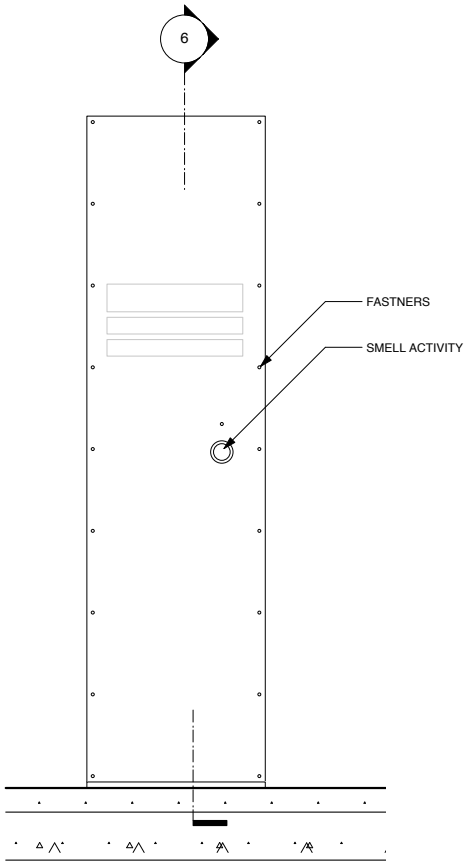
3 PLAN: GRAPHIC PANEL
SCALE: 1"= 1'-0"



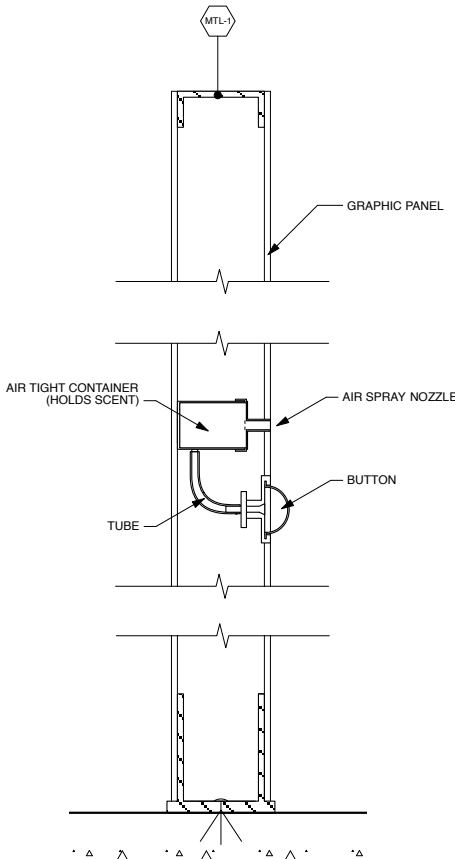
2 PLAN DETAIL: LAKE FLOOR
SCALE: 1"= 1'-0"



4 DEVELOPED ELEVATION: FRONT
SCALE: 1"= 1'-0"



5 DEVELOPED ELEVATION: BACK
SCALE: 1"= 1'-0"

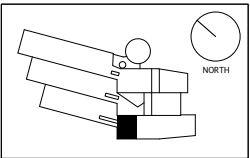


6 DETAIL: GRAPHIC PANEL
SCALE: 3"= 1'-0"

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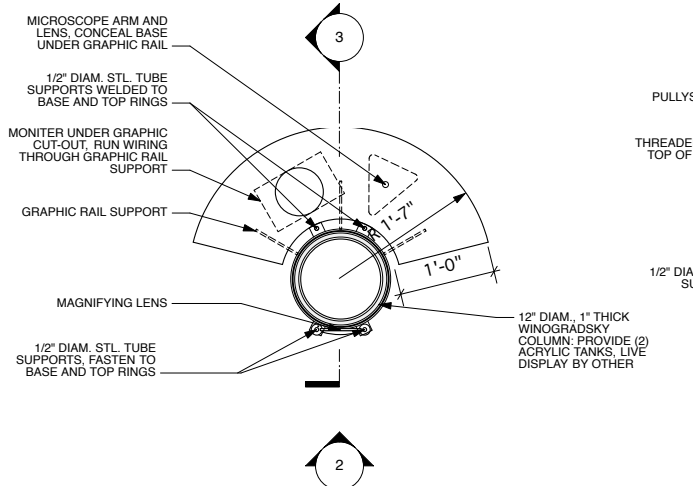
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

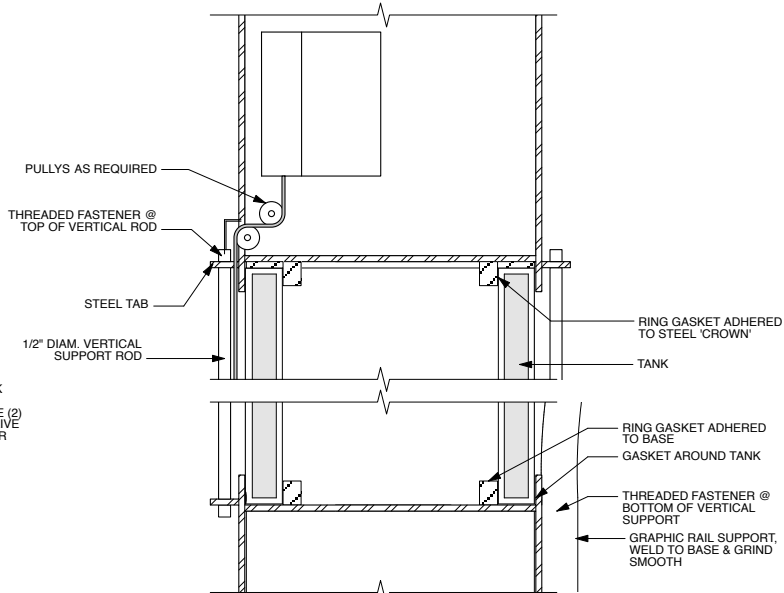
Sheet Title
Level 3 Details: Lake Floor / Graphic Panel Lake Observatory

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X3-LK-3.01

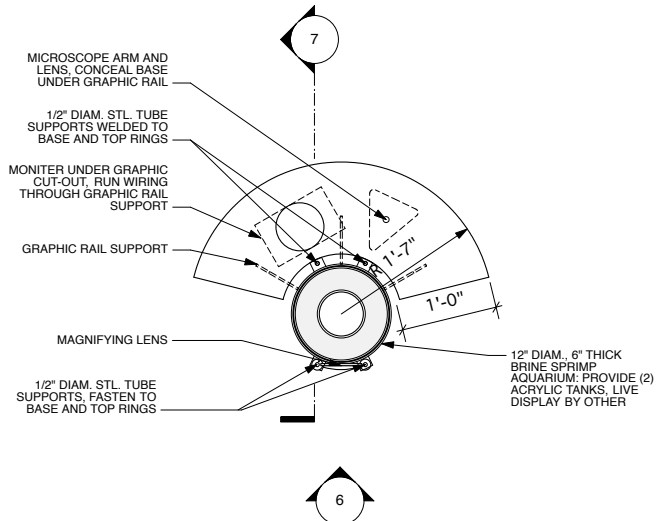
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



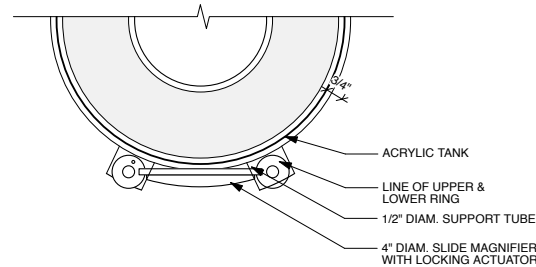
1 PLAN: NORTH BIOTA TUBE LK2.E01.sx02
SCALE: 1"= 1'-0"



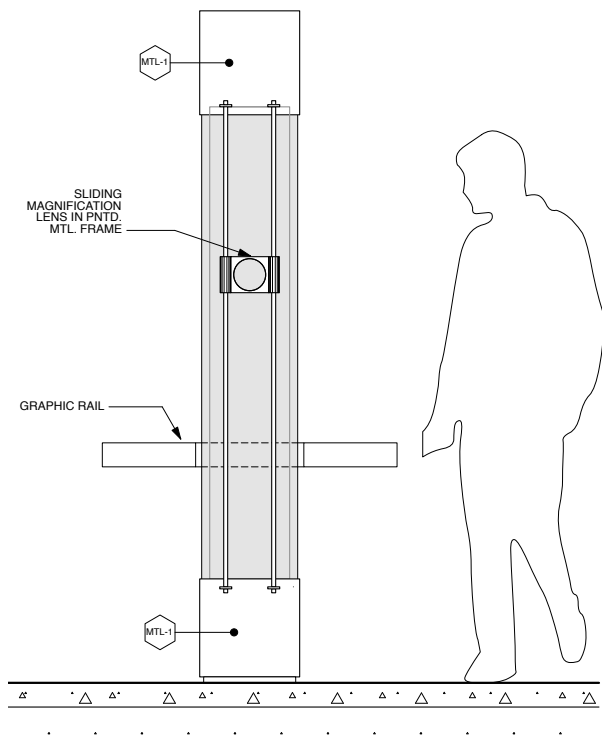
4 SECTION DTL.: BIOTA TUBE
SCALE: 3"= 1'-0"



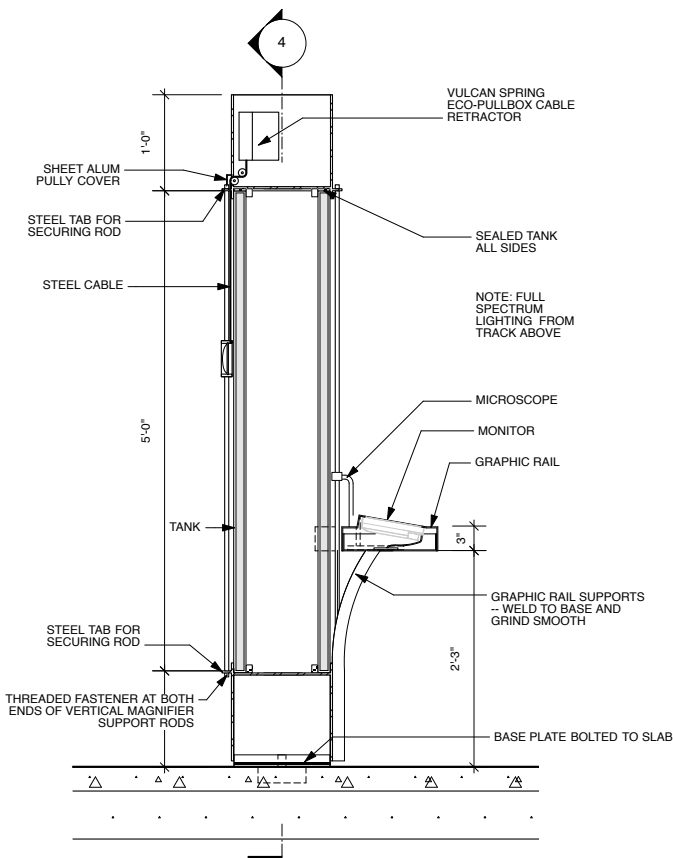
5 PLAN: SOUTH BIOTA TUBE LK2.E01.sx03
SCALE: 1"= 1'-0"



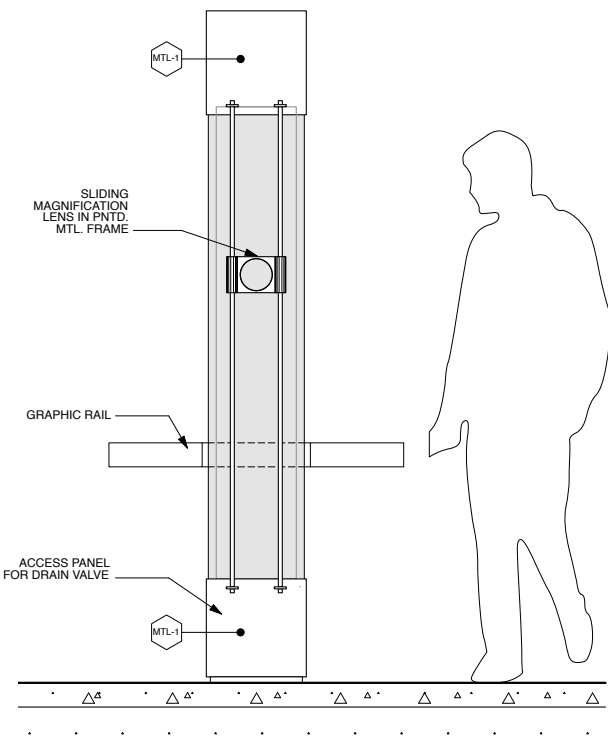
8 PLAN DTL.: SLIDE MAGNIFIER
SCALE: 3"= 1'-0"



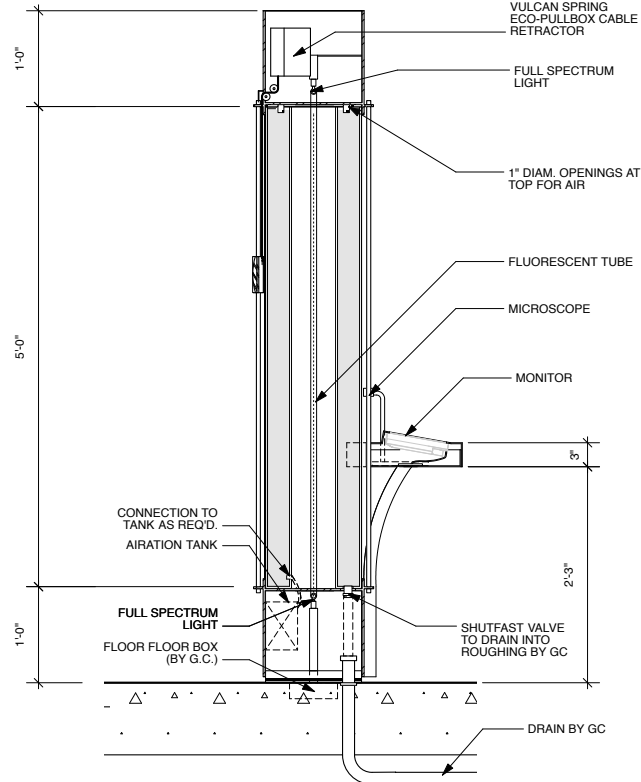
2 ELEVATION: NORTH BIOTA TUBE
SCALE: 1"= 1'-0"



3 SECTION: NORTH BIOTA TUBE
SCALE: 1"= 1'-0"



6 ELEVATION: SOUTH BIOTA TUBE
SCALE: 1"= 1'-0"

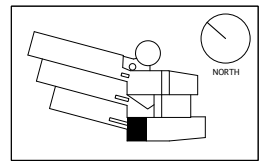


7 SECTION: SOUTH BIOTA TUBE
SCALE: 1"= 1'-0"

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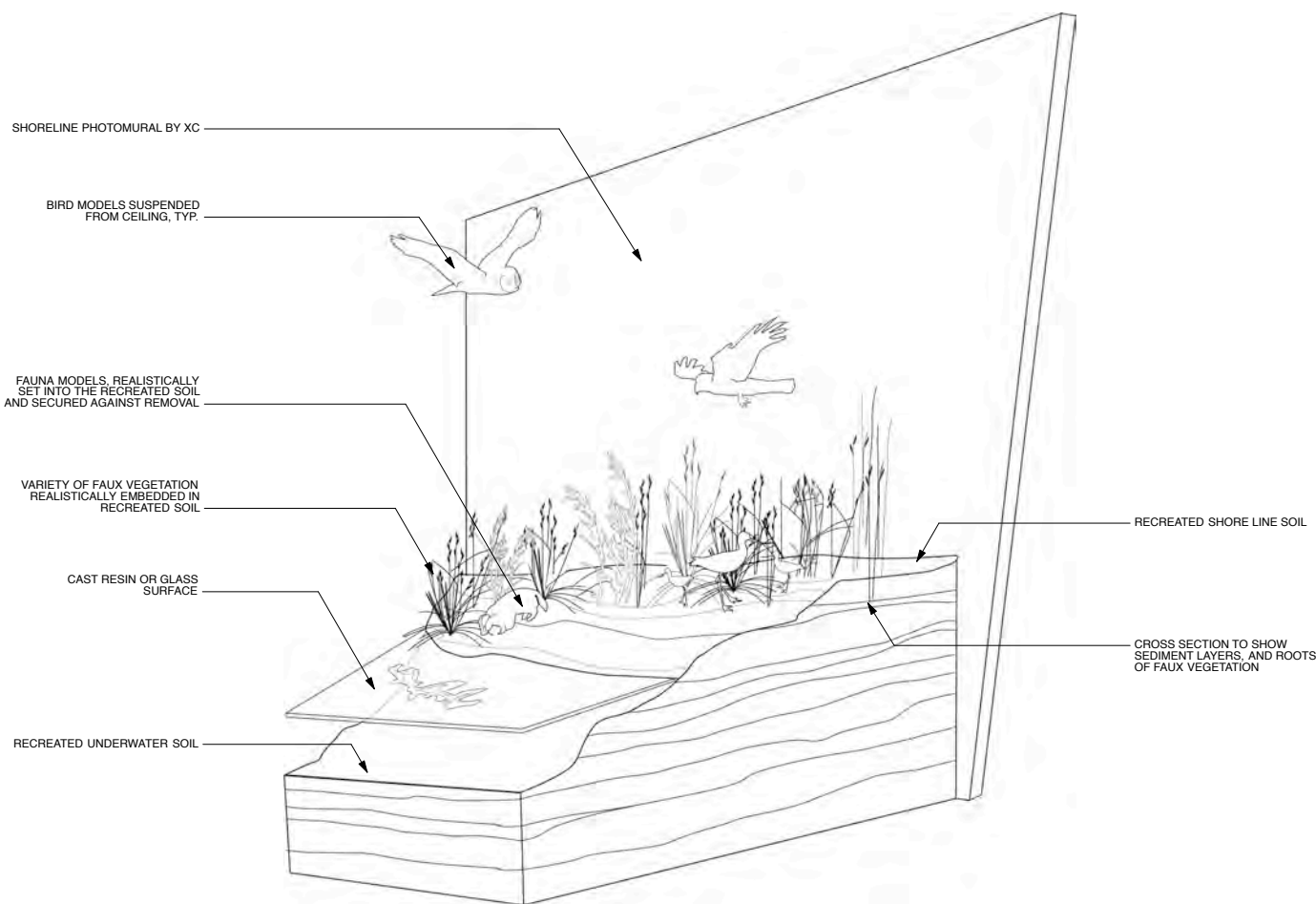


Key Plan

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WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

Sheet Title	
Level 3 Details: Biota Display Lake Observatory	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X3-LK-3.02
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")	

2 SHORELINE DIORAMA VIEW: LK2.E03
NOT TO SCALE



*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

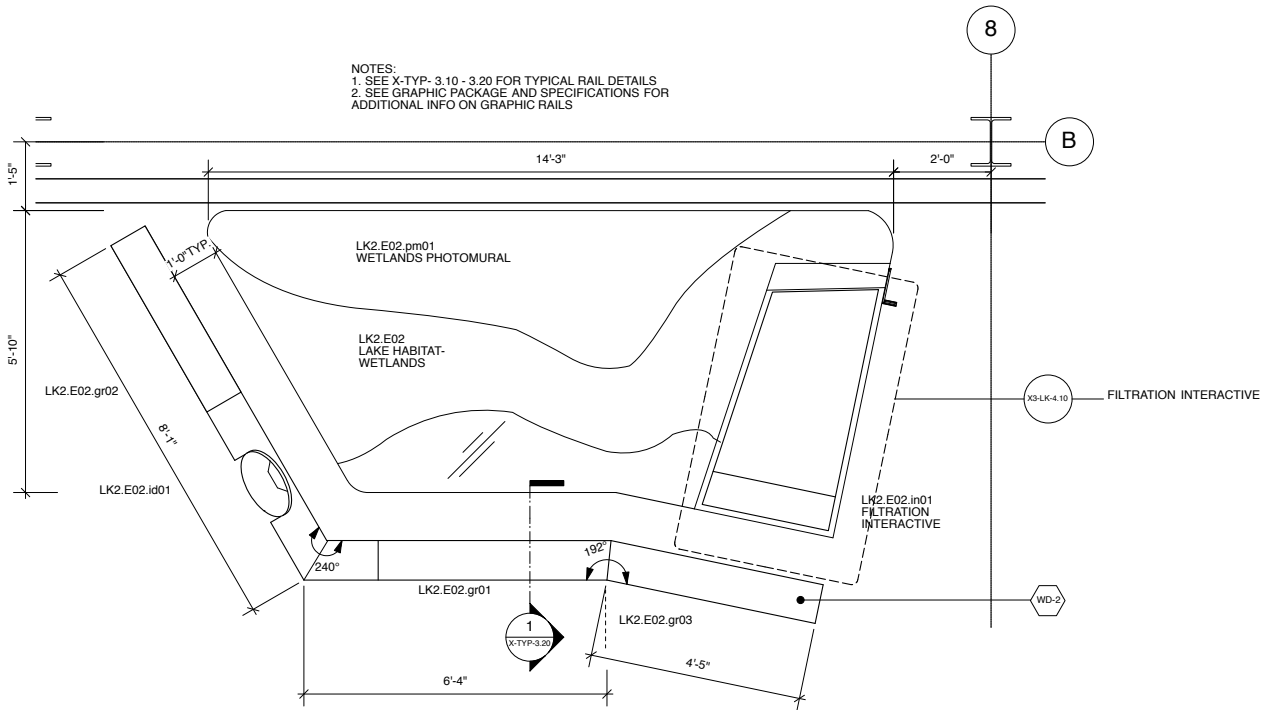
Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah 84060 435.655.0915 tel.	Branton Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBi Engineering, Inc. 141 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

The diagram shows a cross-section of a ship's hull. From left to right, there are three main internal compartments: a large rectangular space, a smaller rectangular space, and a large rectangular space. A small circle is located in the middle compartment. To the right of the hull is a compass rose with a circle and a line pointing towards the top right, labeled 'NORTH'.

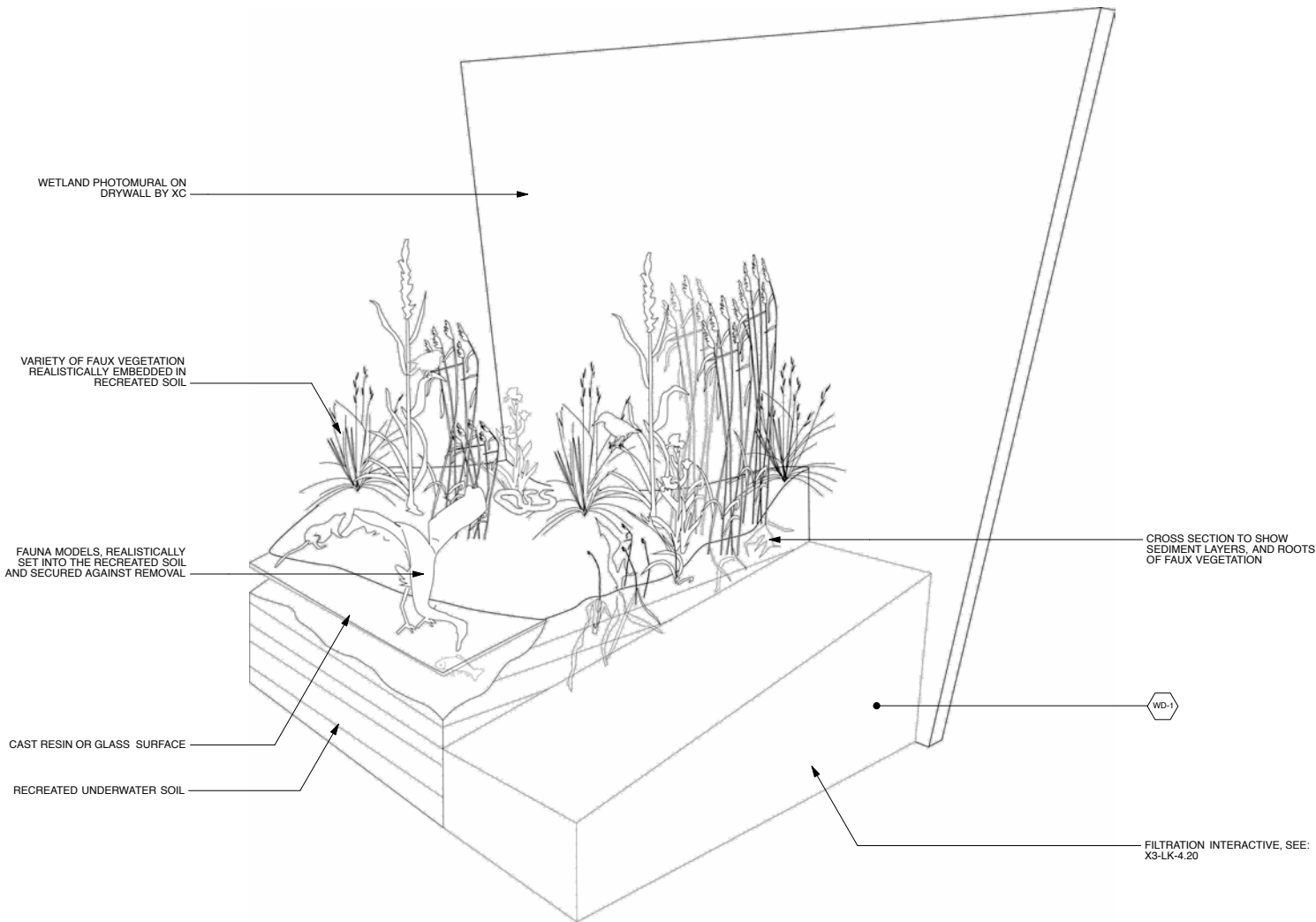
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80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Key Plan



1 WETLANDS DIORAMA PLAN: LK.2.E02
SCALE: 1/2"= 1'-0"



2 WETLANDS DIORAMA VIEW: LK2.E02
NOT TO SCALE

NOTE:

1. Description of Work:

Wetlands: Visitors see a diorama representing the wetlands near Great Salt Lake; place reference Bear River Refuge or Shoreline Preserve.

Elements include: Filtration plant/soil cross-section, marsh marigold, bulrushes, duckweed, hornwort, pondweed, rushes, crayfish, mosquitos, tiger salamander, water strider, diving beetle, heron w. nest, chub and carp, garter snakes, dragonflies perching on cattails, leopard frog eating a mosquito, muskrat eating cattail roots, beaver, mink, yellow-headed blackbird, marsh hawk, marsh wren, egret or heron feeding, eared grebe w/ nest, meadow vole and vole runways/tunnel, and other characteristic plants and animals/identifier species associated with the Great Salt Lake wetlands community.

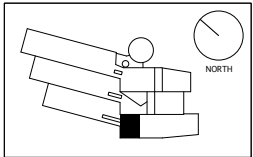
2. XC TO PROVIDE SAMPLES OF ALL SURFACES PRIOR TO FABRICATION FOR RAA TO APPROVE.

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Exhibit Construction



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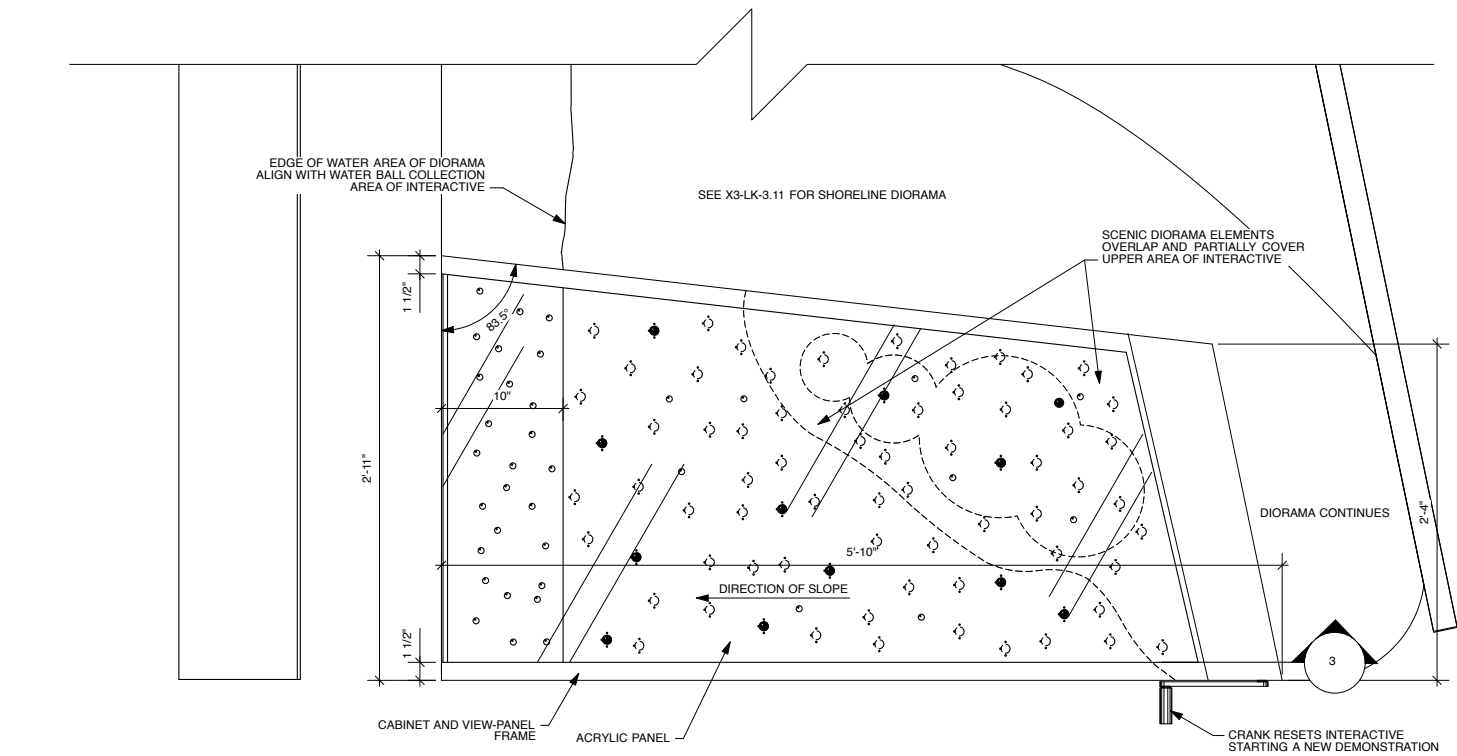
No. / Issue Name / Date

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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

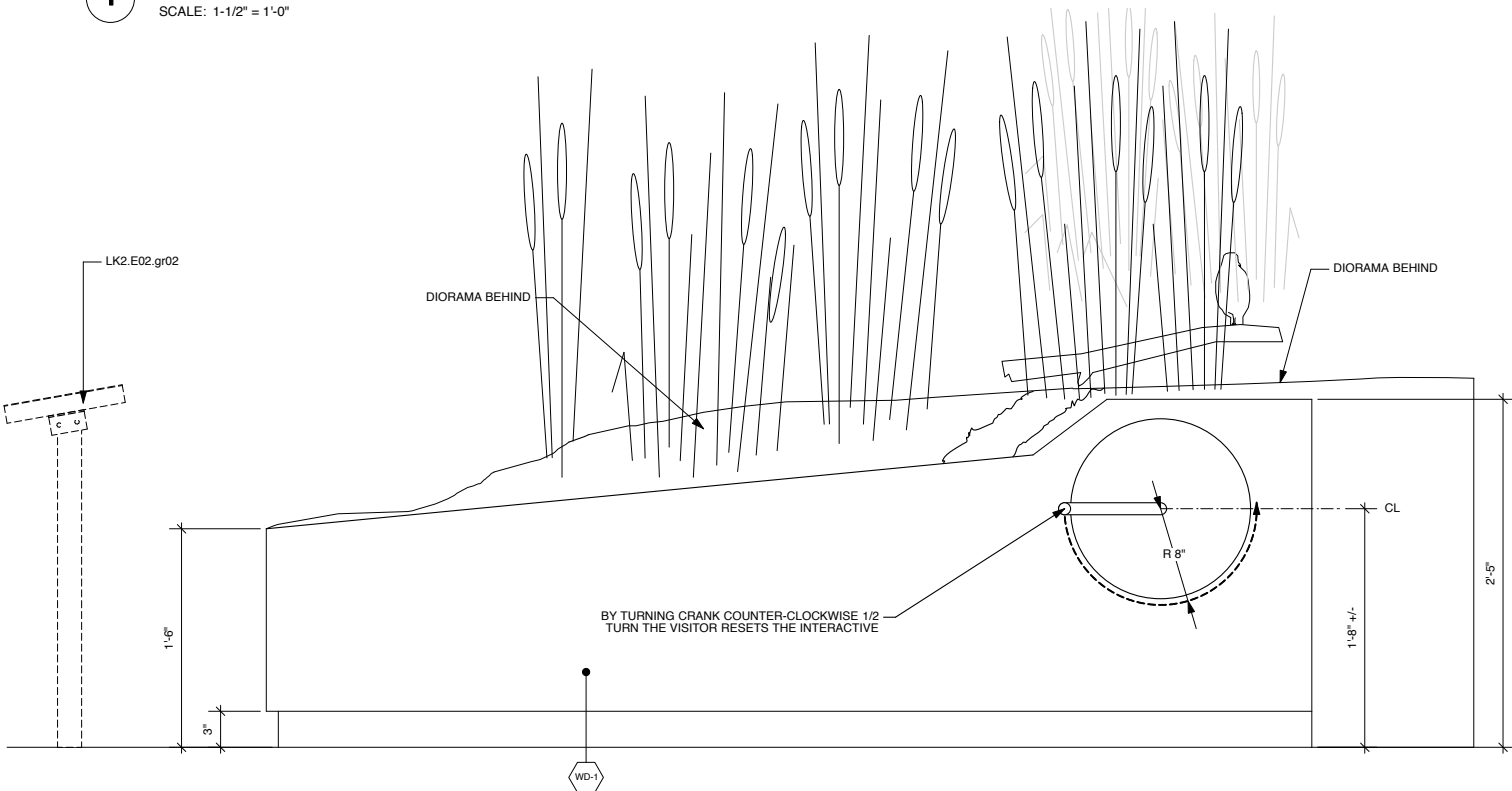
Sheet Title	Level 3 Details: Wetlands / Filtration Lake Observatory
Date	Dec. 19, 2008
Scale*	As Noted
Project No.	0275
Sheet No.	X3-LK-3.11

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



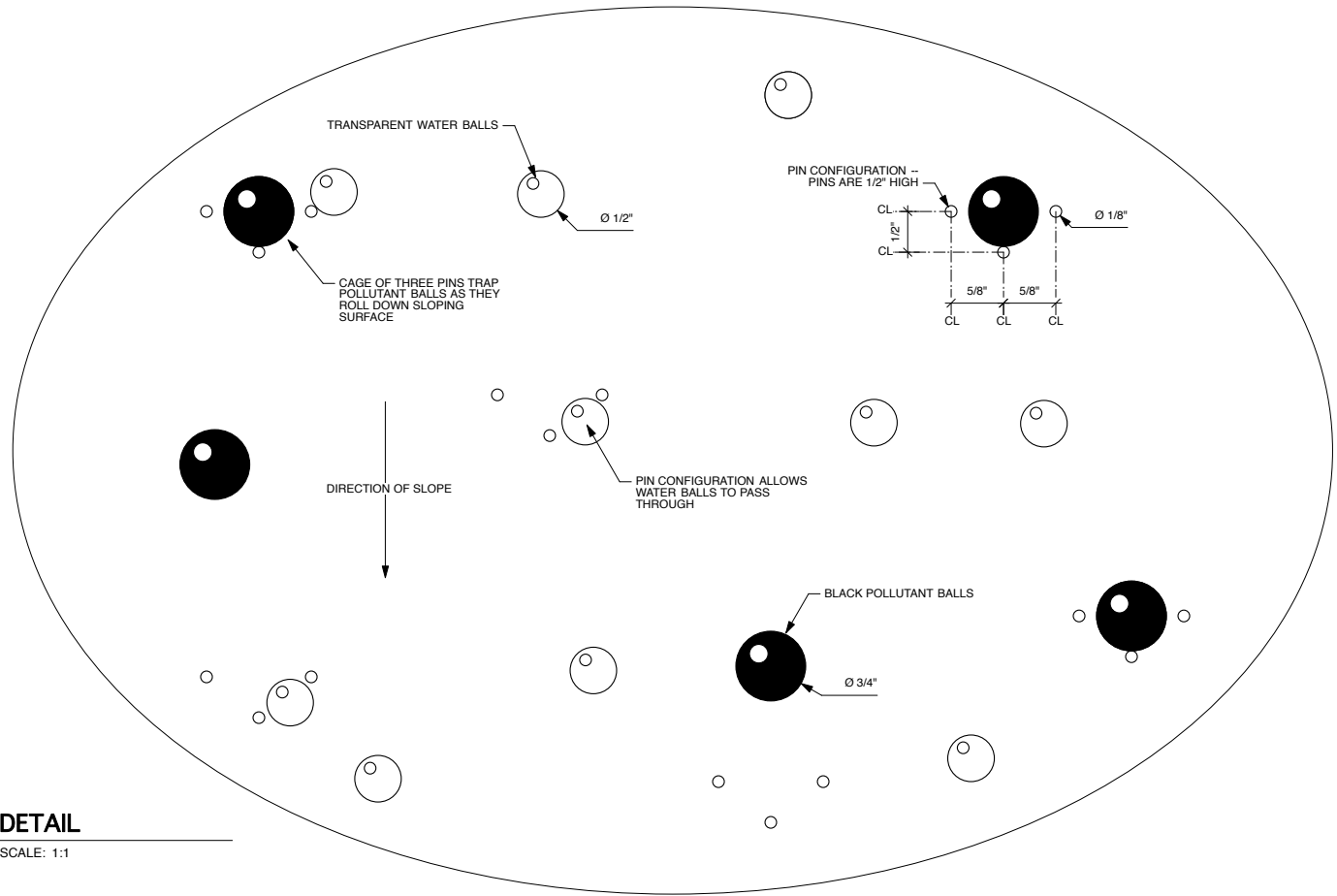
1 PLAN LK2.E02.in01

SCALE: 1-1/2" = 1'-0"



2 SIDE VIEW

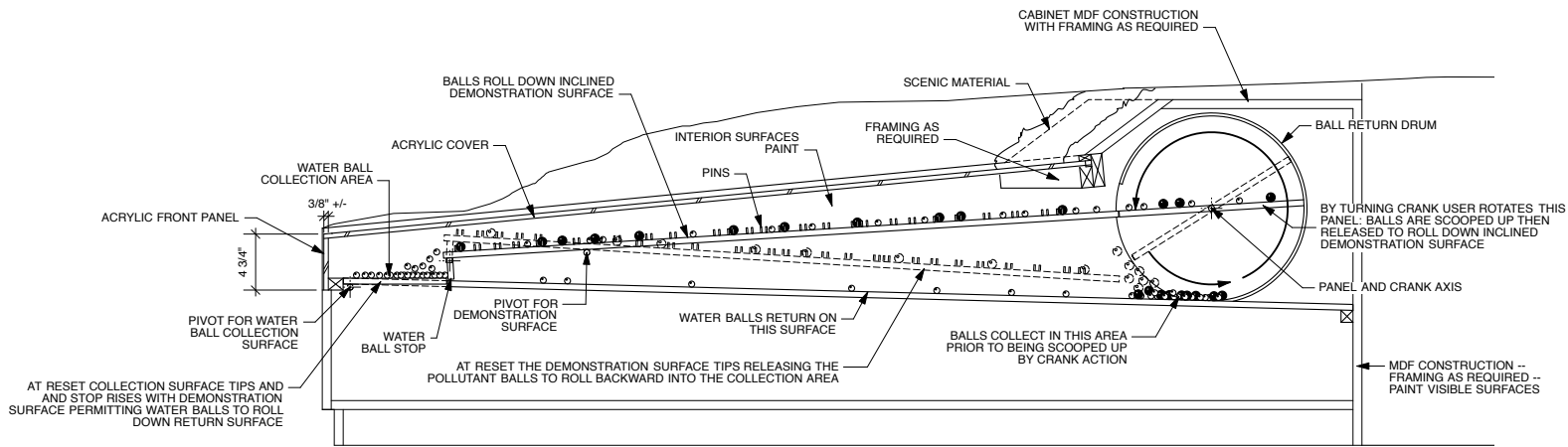
SCALE: 1-1/2" = 1'-0"



4 DETAIL

SCALE: 1:1

NOTE: MECHANICAL IDEAS SHOWN INDICATE DESIGN INTENT ONLY -- EXHIBIT FABRICATOR TO ENGINEER INTERACTIVE FOR SMOOTH OPERATION AND FOR A FUNCTIONAL LIFE SPAN OF 15 YEARS



3 SECTION

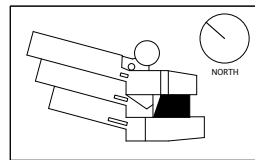
SCALE: 1-1/2" = 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Broms Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah 84060 435.655.0915 tel.	Branton Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

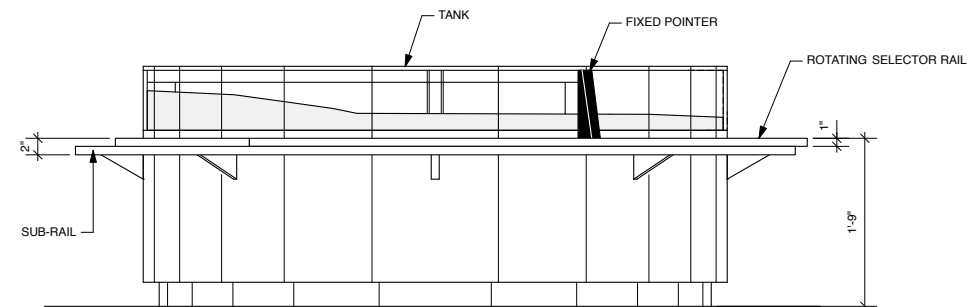
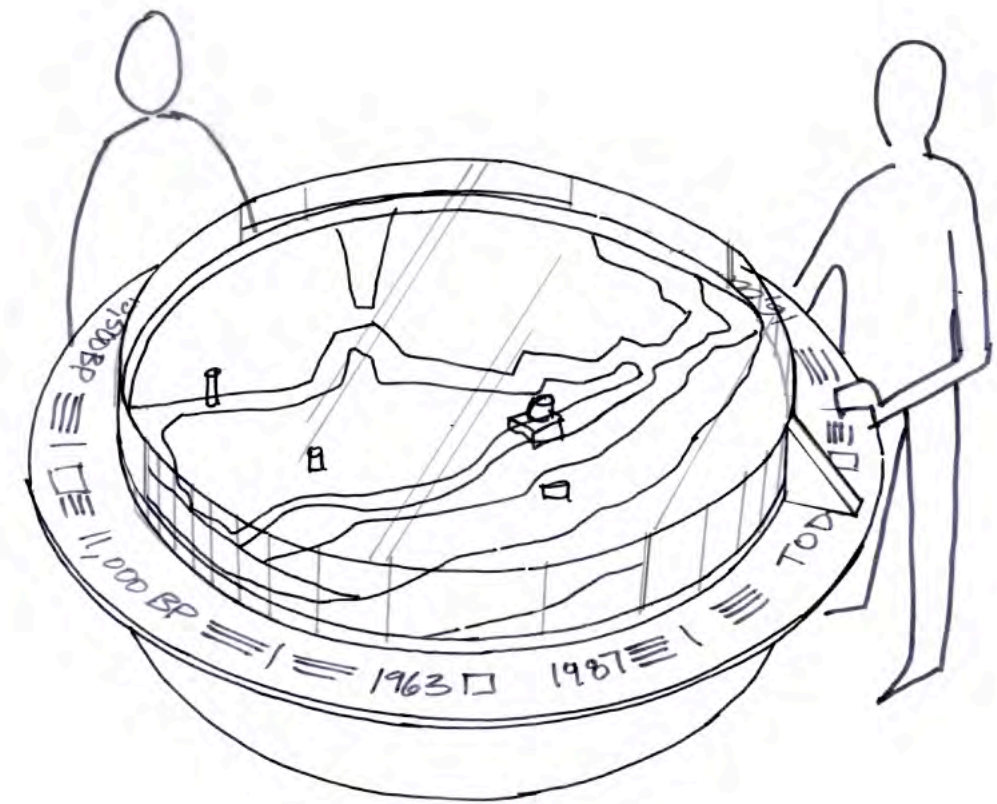
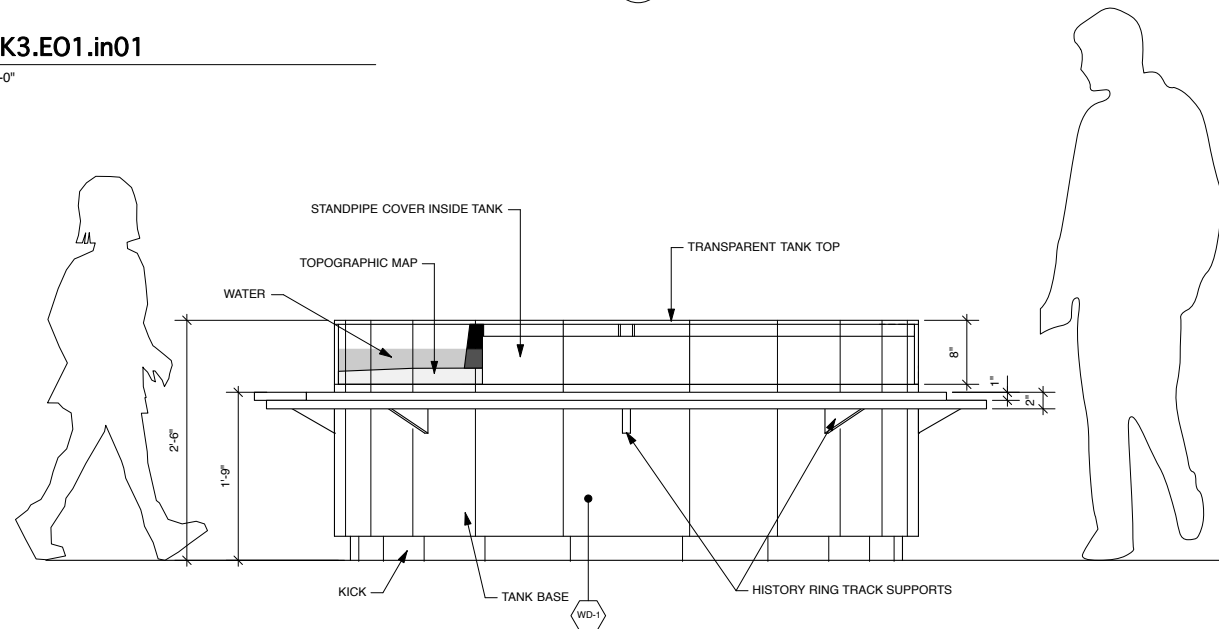
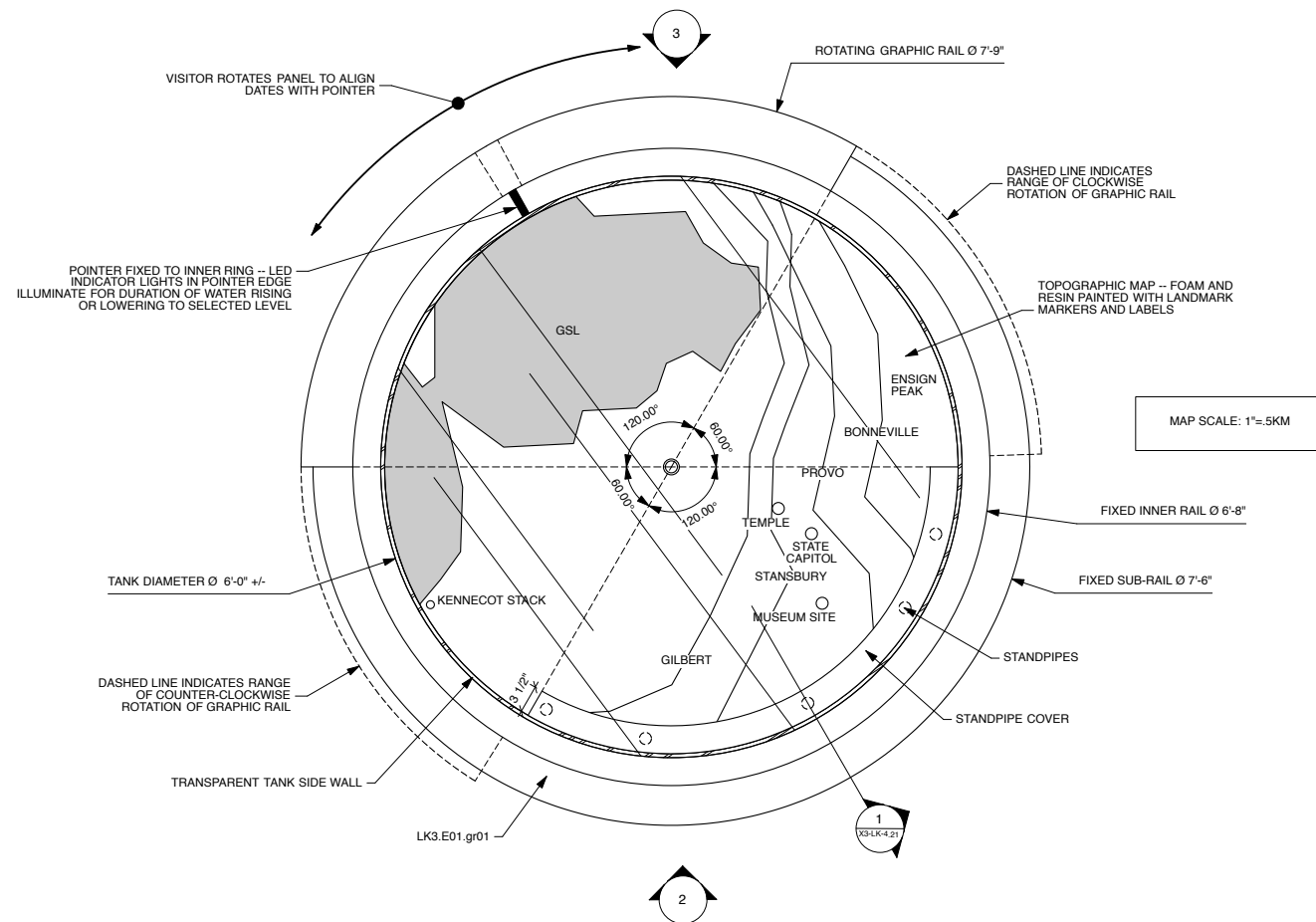
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
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Wetland Filtration Interactive

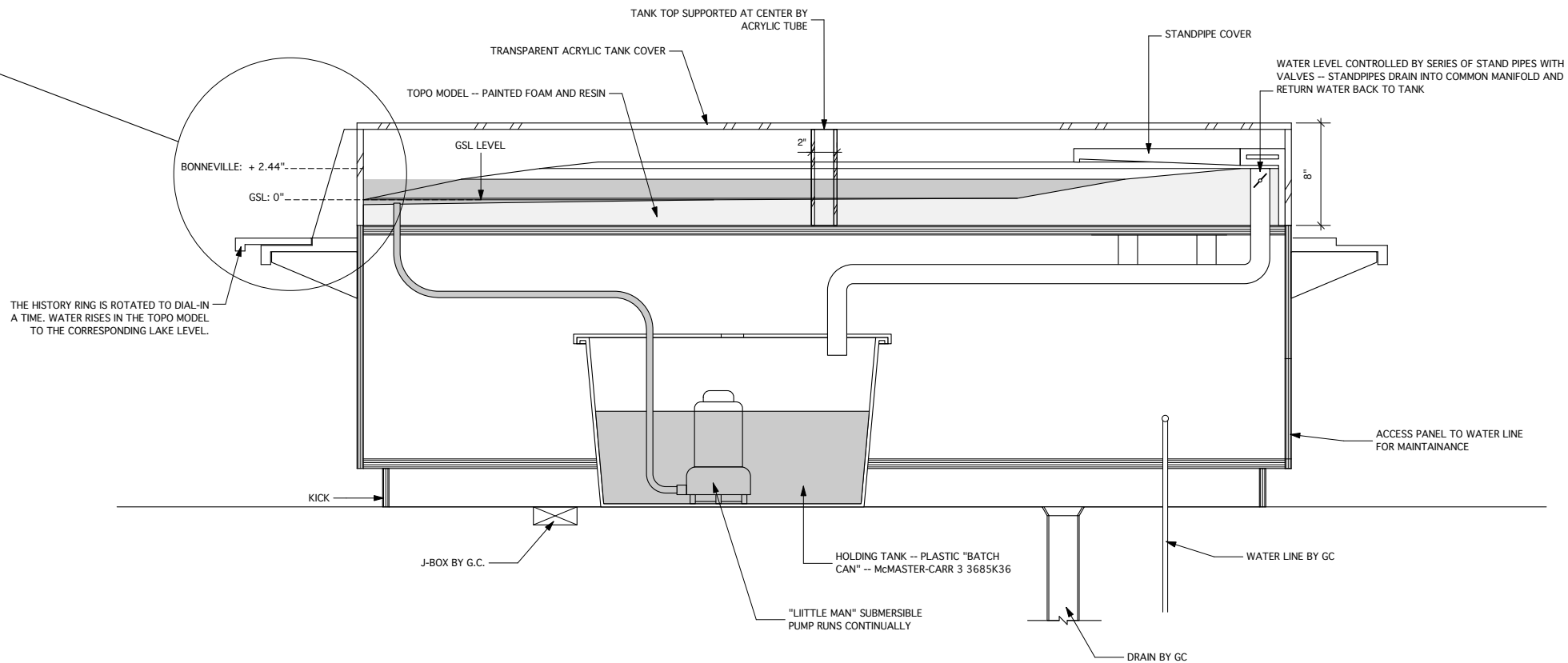
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Dec. 19, 2008	0275
Scale*	Sheet No.
varies	X3-LK-4.10

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

TOPO MAP/LAKE LEVEL INFORMATION			APPROXIMATE AGE IN CALENDAR YEARS BEFORE PRESENT		
ELEVATIONS:					
• GSL HISTORIC LOW	4191'	(1963)	• GILBERT	4,275	12,800 - 11,600
• GSL HISTORIC HIGH	4212.2'	(1986)	• PROVO	4,840	16,800 - 16,200
	4220'	(AIRPORT)	• BONNEVILLE	5,220	18,000 - 16,800
• GILBERT	4250'	(GILBERT MALL)	• STANSBURY	4,445	24,400 - 23,200
	4320'	(SL TEMPLE)			
• STANSBURY	4500'				
	4530'	(STATE CAPITOL)			
• PROVO	4860'	(MARRIOT LIBRARY, STUDENT UNION)			
	TBD	(NEW UMNH SITE)			
• BONNEVILLE	5230'				
	TBD	("BLOCK U")			
	5410'	(ENSIGN PEAK)			
	5555'	(KENNECOT STACK)			
SOURCE: EMAIL FROM HOLLEY GODSEY TO HANA ELWELL JAN 31, 2008 -- INCLUDED ILLUSTRATOR SHORELINE MAP			INTERNET SOURCE: GEOLOGY.UTAH.GOV		



2 HISTORY RING SUPPORT DETAIL

SCALE: NTS

NOTES:

1. MECHANICAL IDEAS SHOWN ARE INTENDED AS CONCEPTUAL ONLY -- EXHIBIT FABRICATOR TO ENGINEER INTERACTIVE FOR SMOOTH OPERATION AS INTENDED AND FOR A FUNCTIONAL LIFE SPAN OF 15 YEARS
2. TOPOMODEL SHOWN @4X EXAGGERATION IN HEIGHT (THIS MAY NEED TO BE UP TO 10X) TO BE CONFIRMED W/ PROTOTYPING + SPEC. OF PUMP.

1 SECTION A

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Poltsch Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.

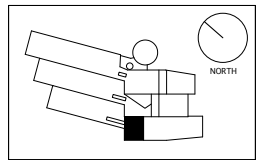
Electrical/AV Engineer
Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84101
800.678.7077 tel

Landscape Architect
Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting
Branston Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual
BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415 685 9555 tel.

Exhibition Planner and Designer
Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

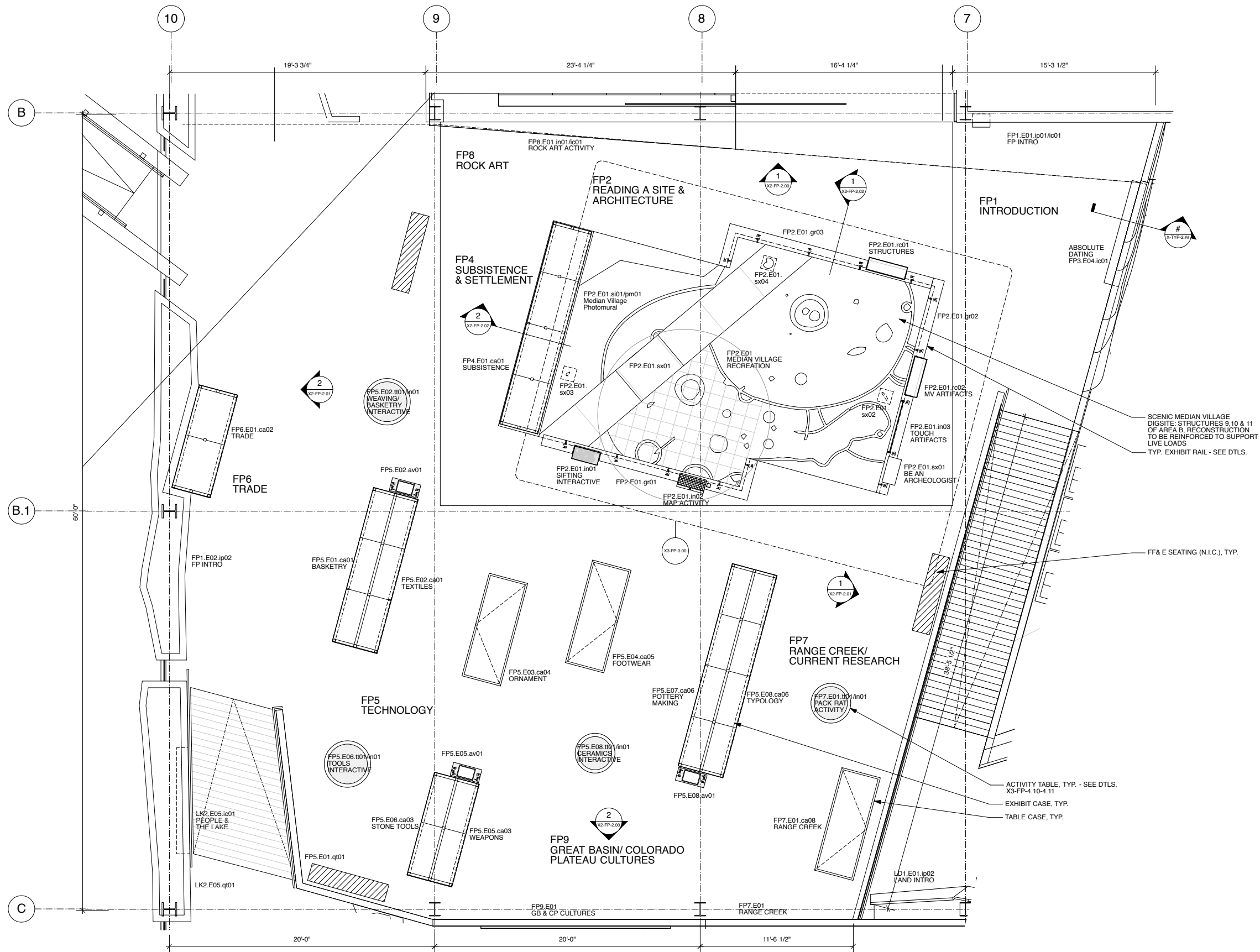
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Level 3 Details:
Formation Interactive

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
varies	Y2 I

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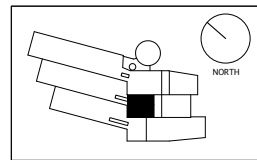
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UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
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XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

Sheet Title	
Level 3 Partial Plan:	
First Peoples Observatory	
Date	
Dec. 19, 2008	
Scale*	
1/4"=1'-0"	
80% FD	
Dec.19, 2008	
FD WS4	
Nov.18, 2008	
FD WS3	
Oct.16, 2008	
No. / Issue Name / Date	

Sheet Title
Level 3 Partial Plan:
First Peoples Observatory

Date
Dec. 19, 2008

Scale*

1/4"=1'-0"

Project No.

0275

Sheet No.

X3-FP-1.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

Owner

UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Design Architect

Polishek Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Architect of Record

Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer

Leslie E. Robertson Associates
244 West 300 North
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer

Colvin Engineering Associates, Inc.
175 South Main Street
Salt Lake City, Utah 84103
801.322.2400 tel.

Electrical/AV Engineer

Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel.

Landscape Architect

Design Workshop, Inc.
1736 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting

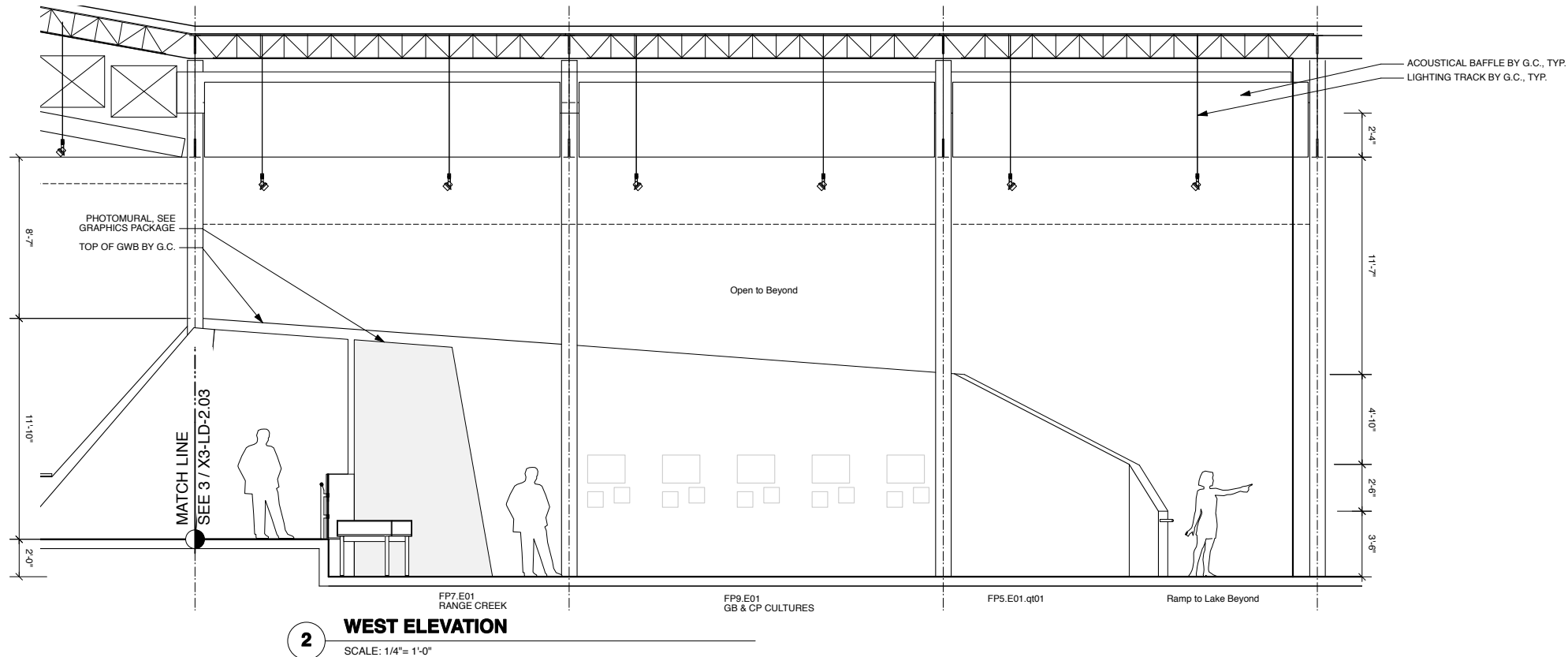
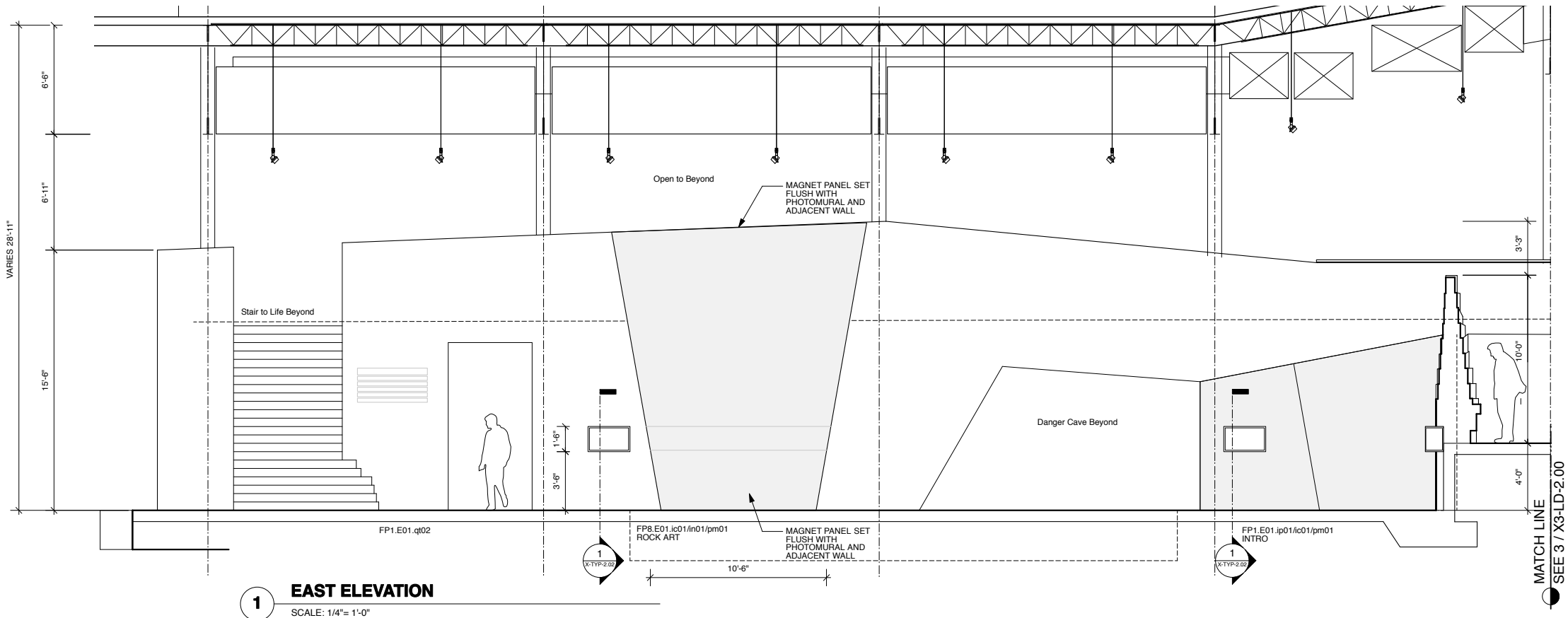
Branstetter Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual

BBI Engineering, Inc.
241 O Street
San Francisco, CA 94124
415.685.9555 tel.

Exhibition Planner and Designer

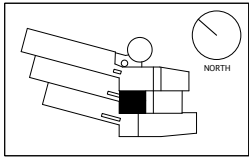
Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.



UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



Key Plan

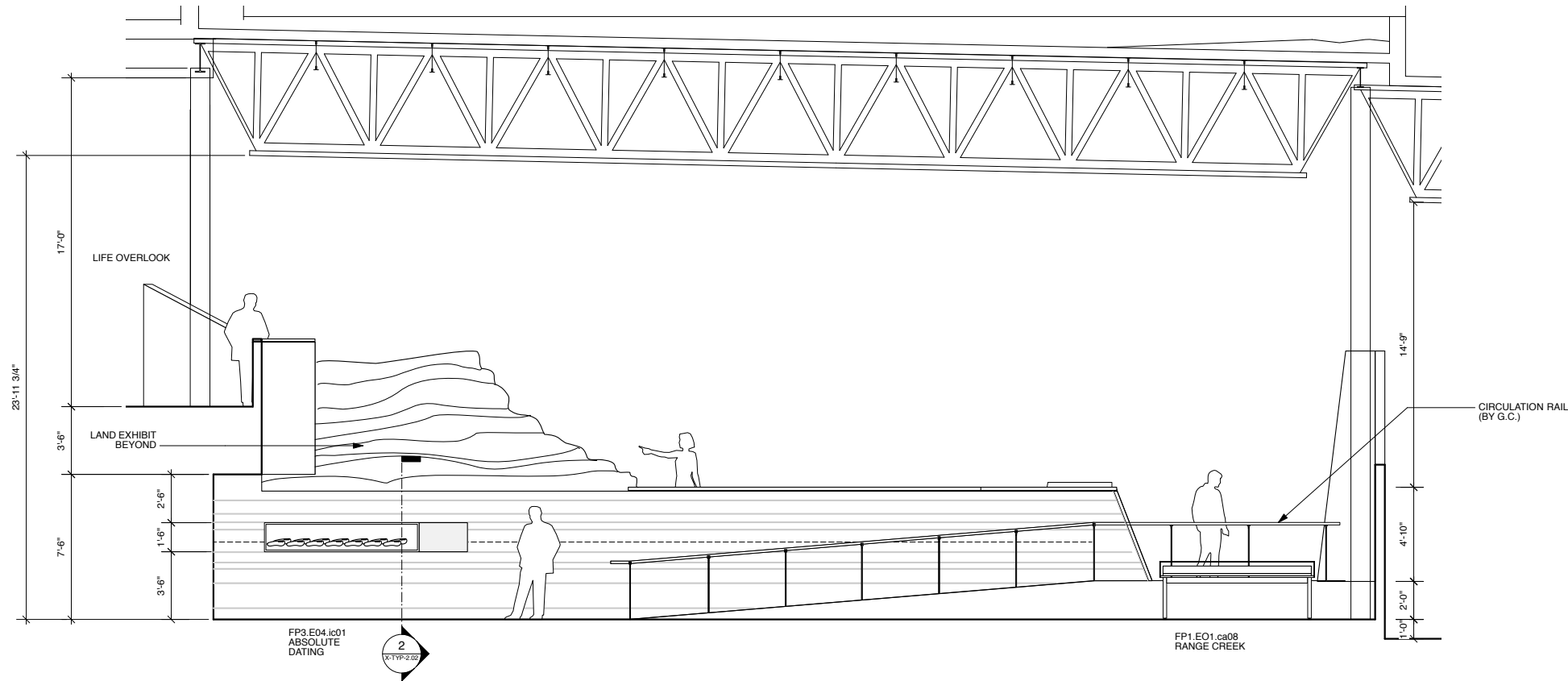
Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.561.6927 tel.	Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.354.8200 tel.

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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50% DD	Sept. 18, 2007
WS6	July 11, 2007
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WS4	April 12, 2007
No. / Issue Name / Date	

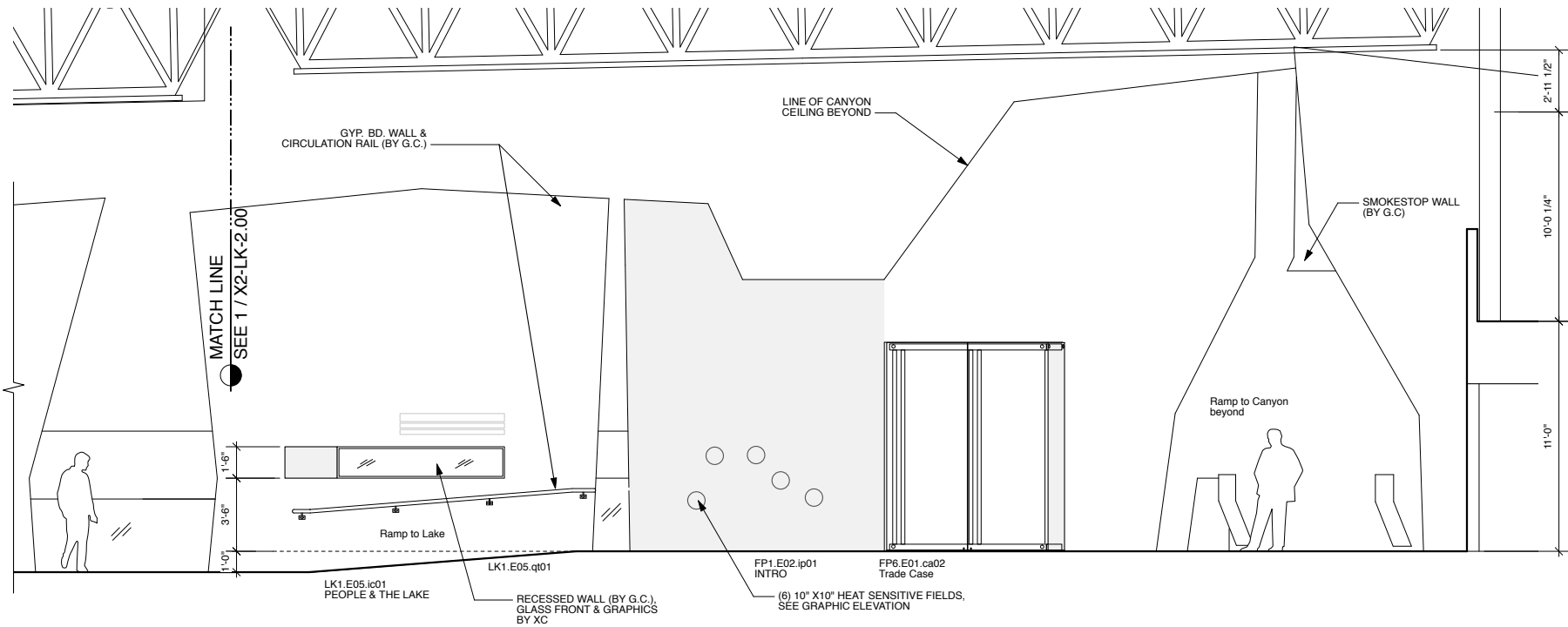
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FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title	Level 2 Sections & Elevations: First Peoples Observatory
Date	Dec. 19, 2008
Scale*	1/4"=1'-0"
Project No.	0275
Sheet No.	X2-FP-2.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 ELEVATION LOOKING SOUTH
SCALE: 1/4"= 1'-0"



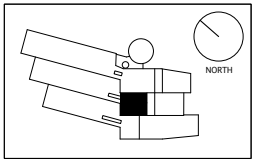
2 ELEVATION LOOKING NORTH
SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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WS9	March. 26, 2008
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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
Jul WS4	April 12, 2007
No. / Issue Name / Date	

No. / Issue Name / Date	
80% FD Dec.19, 2008	
FD WS4 Nov.18, 2008	
FD WS3 Oct.16, 2008	
No. / Issue Name / Date	

Sheet Title
**Level 3 Sections & Elevations:
First Peoples Observatory**

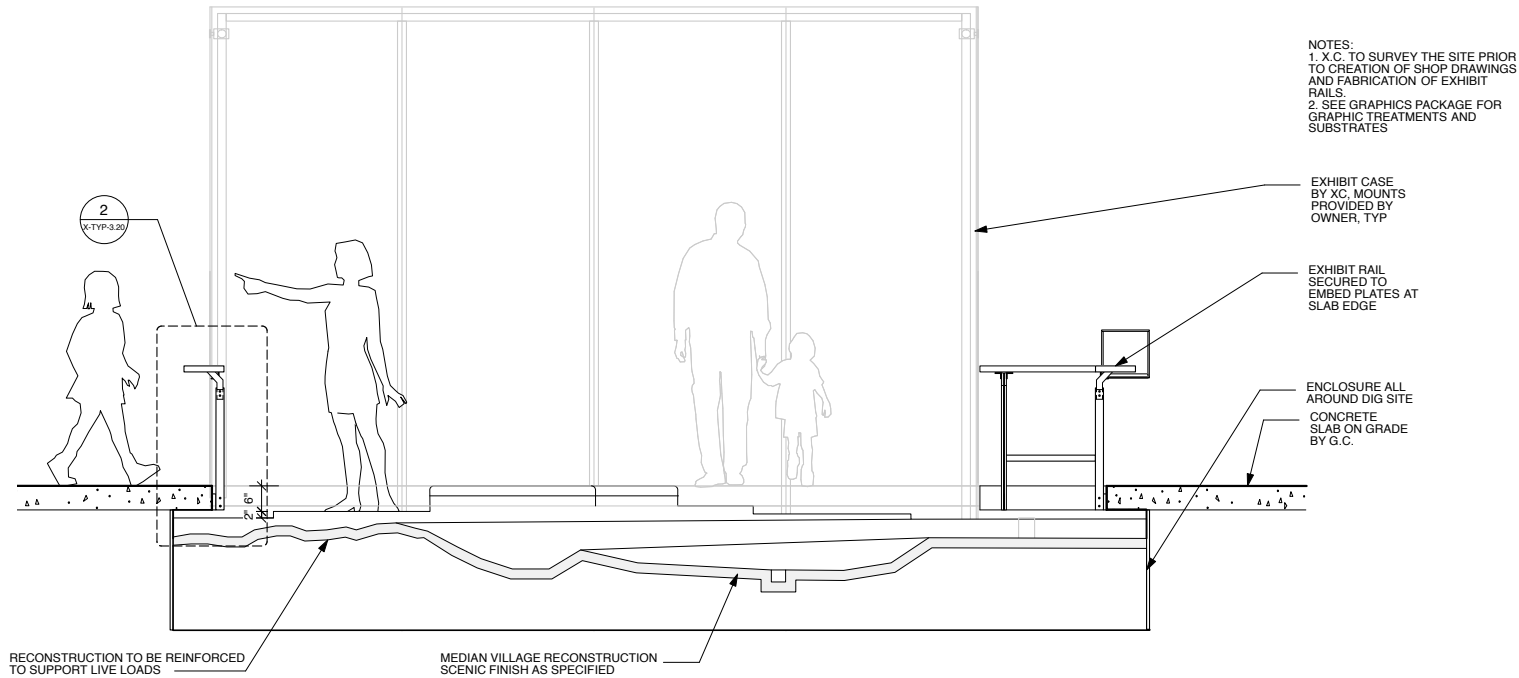
Date
Dec. 19, 2008

Project No.
0275

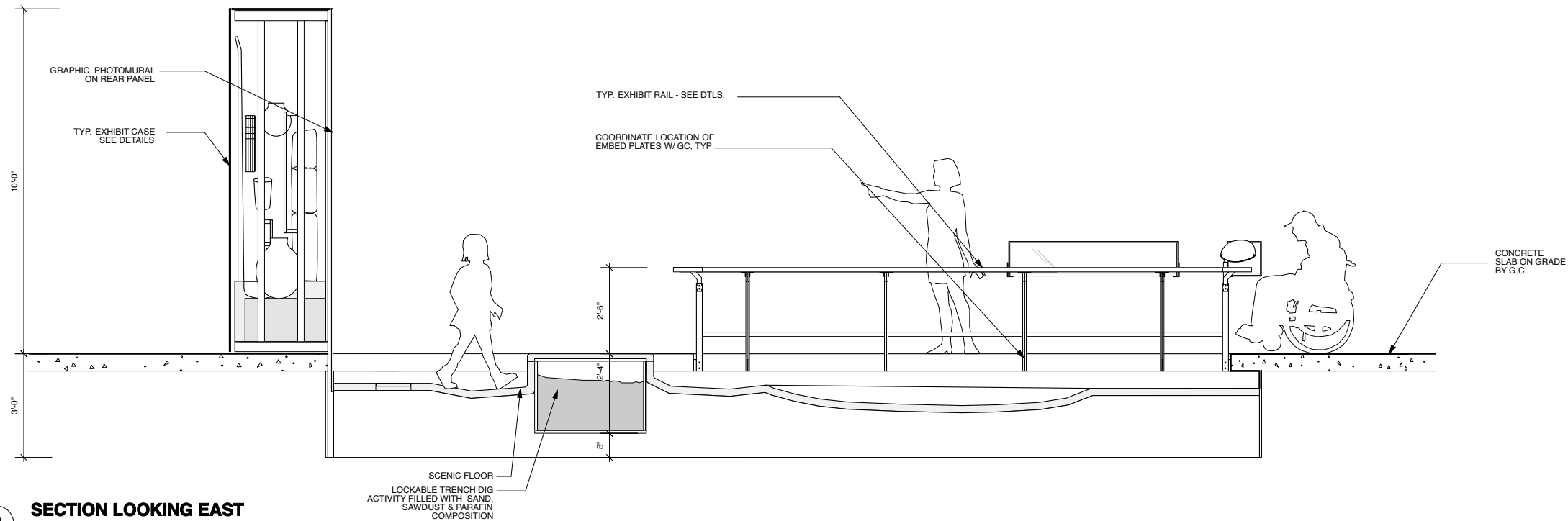
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1/4"=1'-0"

Sheet No.
X3-FP-2.01

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 SECTION LOOKING NORTH
SCALE: 1/2"= 1'-0"



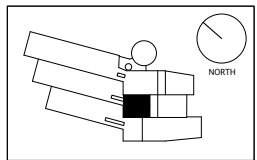
2 SECTION LOOKING EAST
SCALE: 1/2"= 1'-0"

NOTES:
1. X.C. TO SURVEY THE SITE PRIOR TO CREATION OF SHOP DRAWINGS AND FABRICATION OF EXHIBIT RAILS.
2. SEE GRAPHICS PACKAGE FOR GRAPHIC TREATMENTS AND SUBSTRATES

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
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WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

80% FD Dec.19, 2008	
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

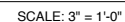
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Level 2 Sections & Elevations: First Peoples Observatory	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/2"=1'-0"	X2-FP-2.02

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel	Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah 84060 435.655.0915 tel.	Branton Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



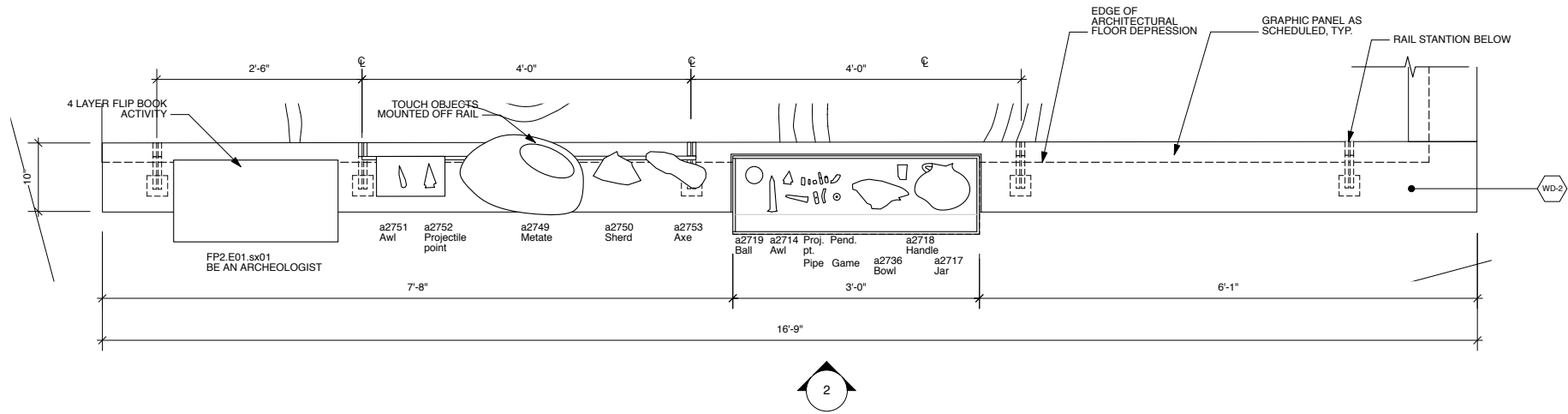
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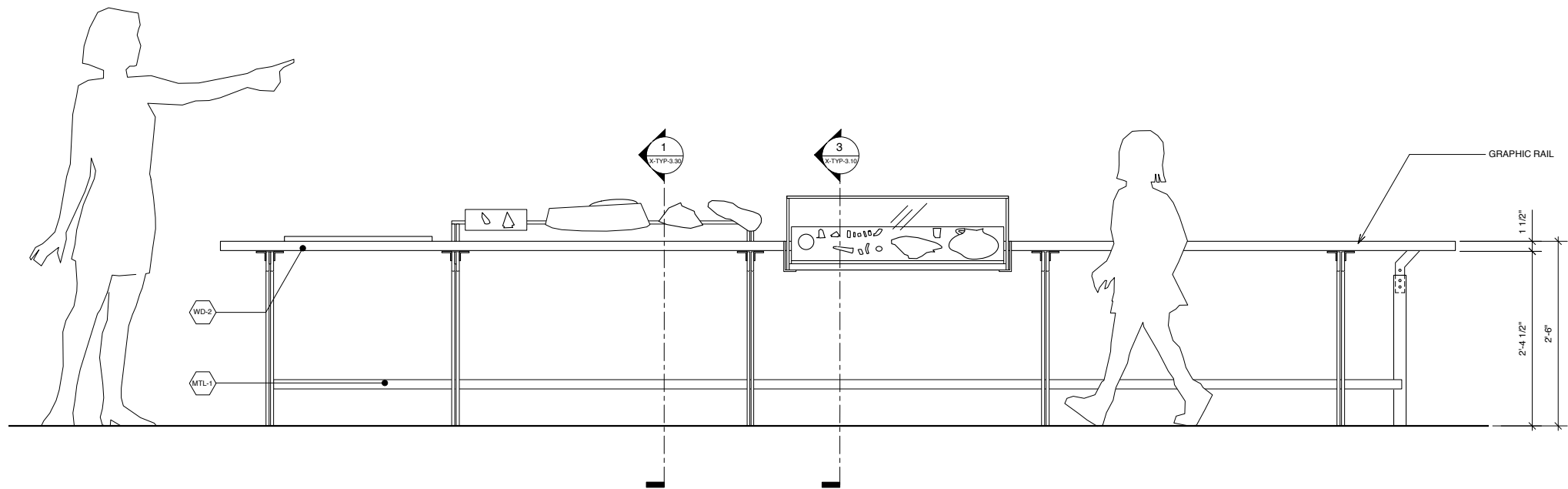
1. X.C. TO SURVEY THE SITE PRIOR TO CREATION OF SHOP DRAWINGS AND FABRICATION OF EXHIBIT RAILS.
2. SEE GRAPHICS PACKAGE FOR GRAPHIC TREATMENTS AND SUBSTRATES.

X3-FP-3.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 24")



1 PLAN MEDIAN VILLAGE RAIL DTL. - FP2.E01.gr02
SCALE: 1"= 1'-0"



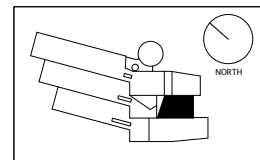
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SCALE: 1"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

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UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBi Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

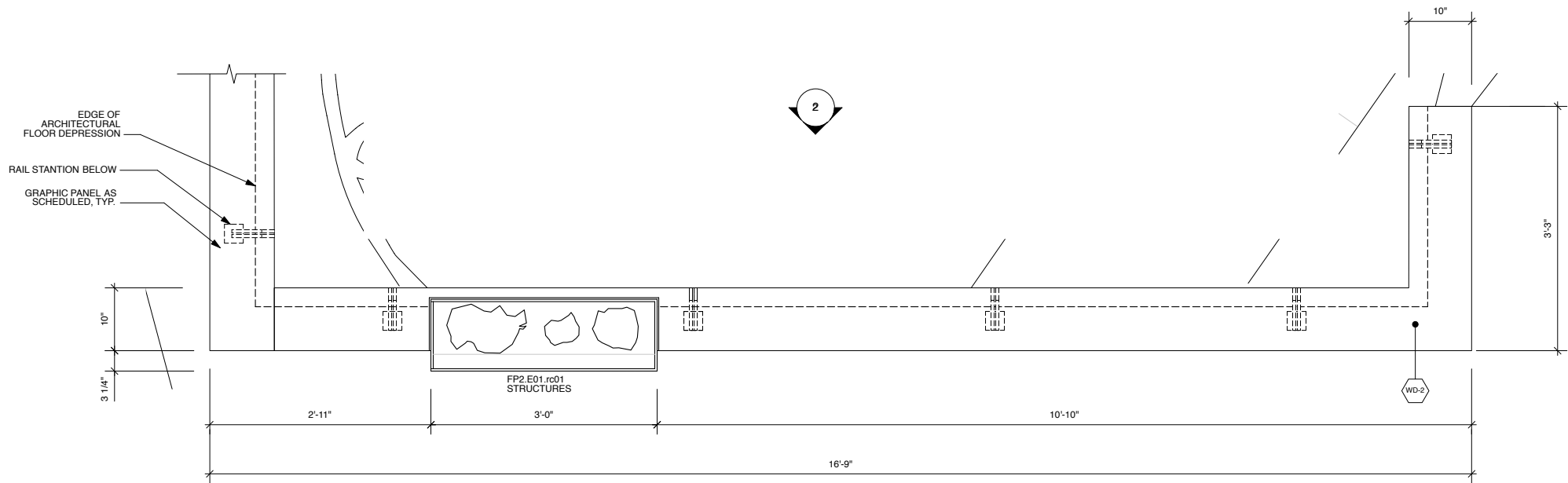
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FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

Sheet Title	
Level 3 Details:	
MV RAILS	
Date	
Dec. 19, 2008	
Scale*	
varies	
No. / Issue Name / Date	
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

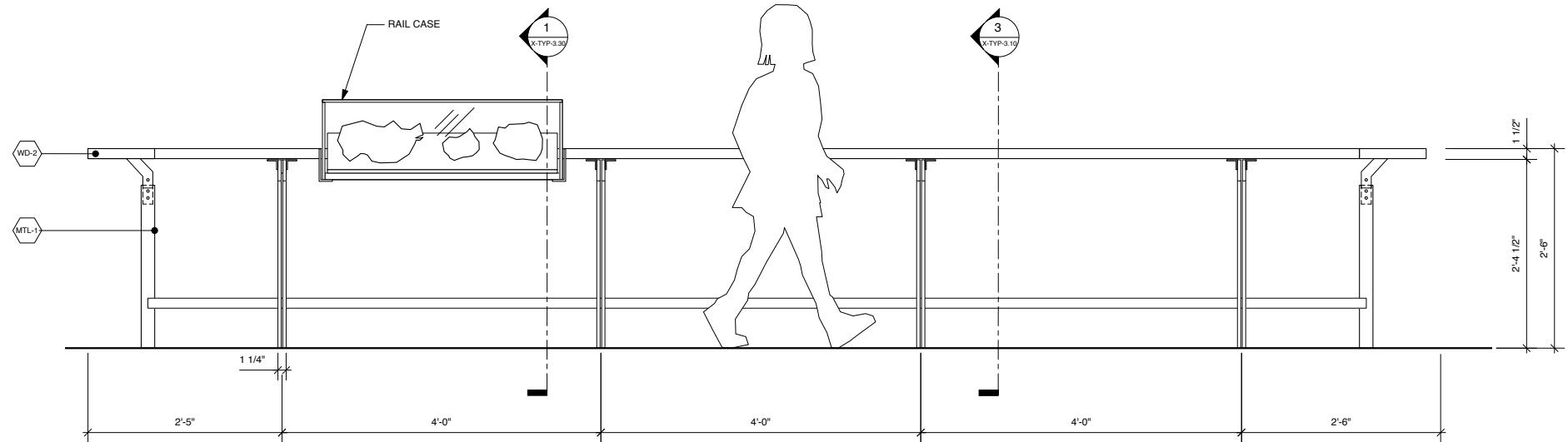
Sheet Title	Project No.
Level 3 Details:	0275
MV RAILS	Sheet No.
Date	
Dec. 19, 2008	
Scale*	
varies	
No. / Issue Name / Date	

X3-FP-3.01

*Notes: Scale: Check for Full Size Drawing Sheet (22" x 34")



1 PLAN MEDIAN VILLAGE RAIL DTL. - FP2.E01.gr03
SCALE: 1"= 1'-0"

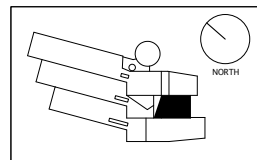


2 ELEVATION MEDIAN VILLAGE RAIL DTL. - FP2.E01.gr03
SCALE: 1"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
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WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 3 Details:
MV RAILS**

Date
Dec. 19, 2008

Scale*

varies

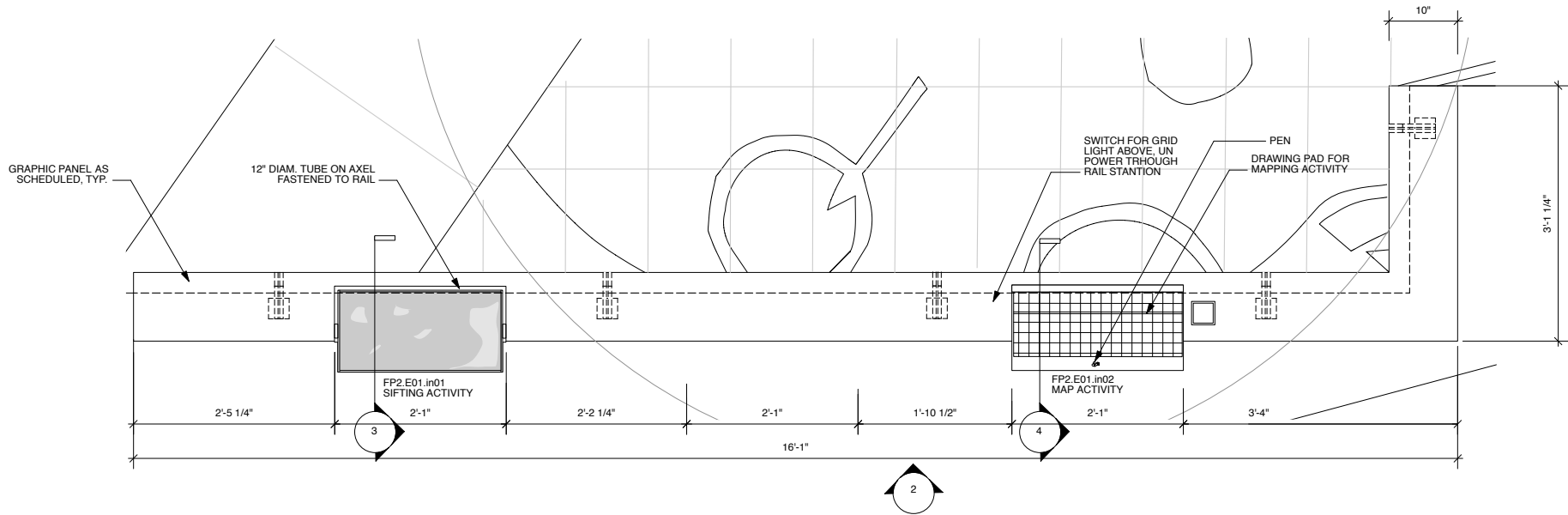
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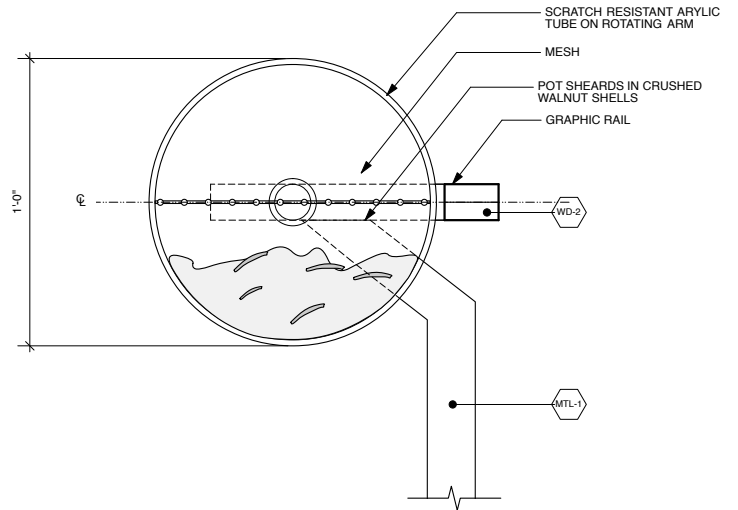
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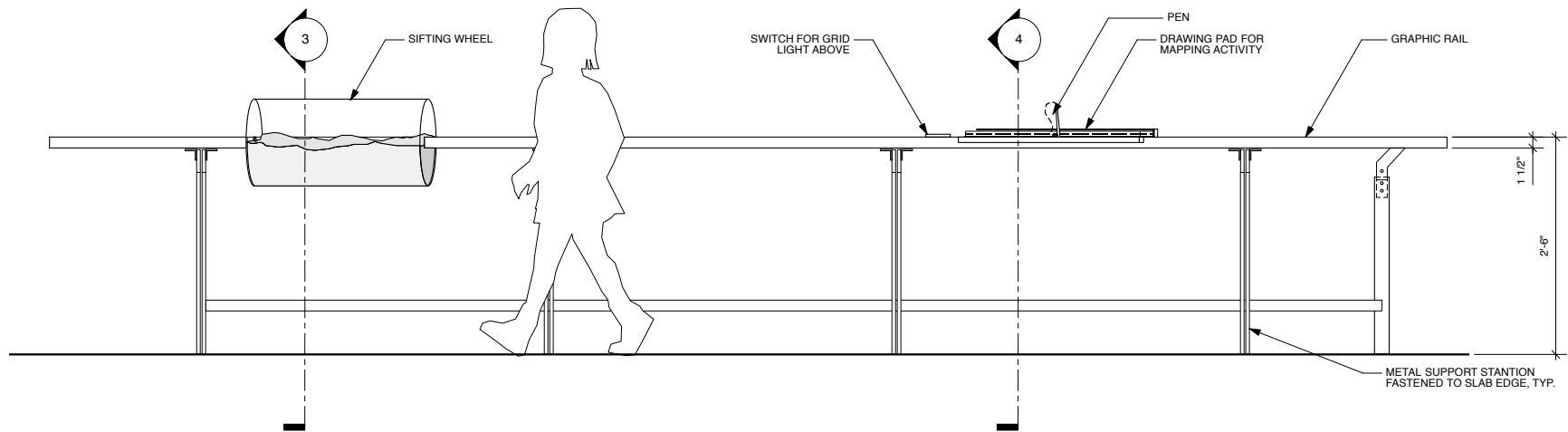
*Notes: Scale Given for Full Size Drawing Sheet (22" x 34")



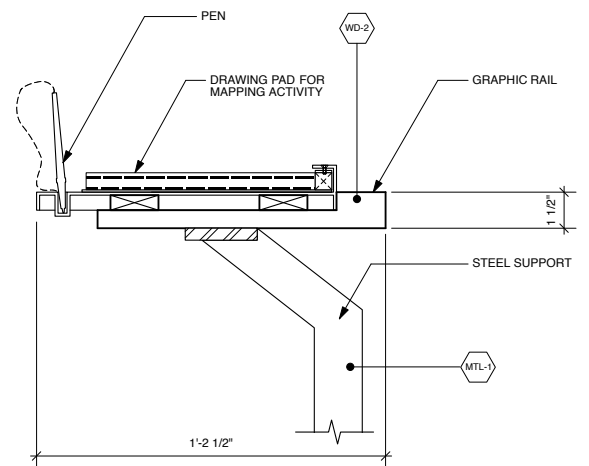
1 PLAN MEDIAN VILLAGE RAIL DTL. - FP2.E01.gr01
SCALE: 1"= 1'-0"



3 SECTION DTL. SIFTING ACTIVITY
SCALE: 3"= 1'-0"



2 ELEVATION MEDIAN VILLAGE RAIL - FP2.E01.gr01
SCALE: 1"= 1'-0"

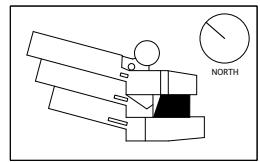


4 SECTION DTL. MAPPING ACTIVITY
SCALE: 3"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brums Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

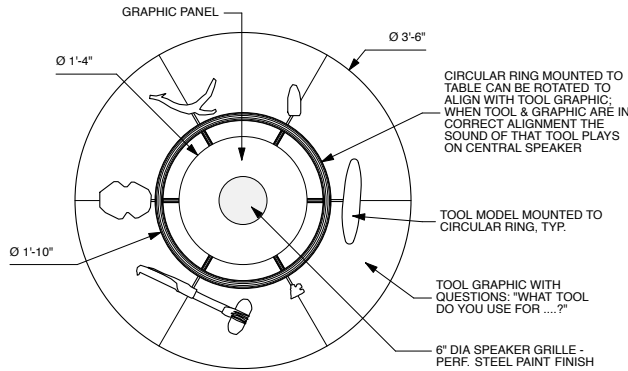
No. / Issue Name / Date

Sheet Title	Level 3 Details: MV RAILS
Date	Dec. 19, 2008
Scale*	varies

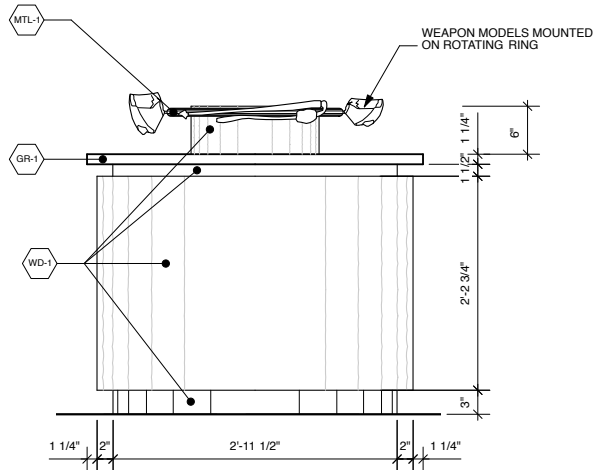
Project No.	0275
Sheet No.	

X3-FP-3.03

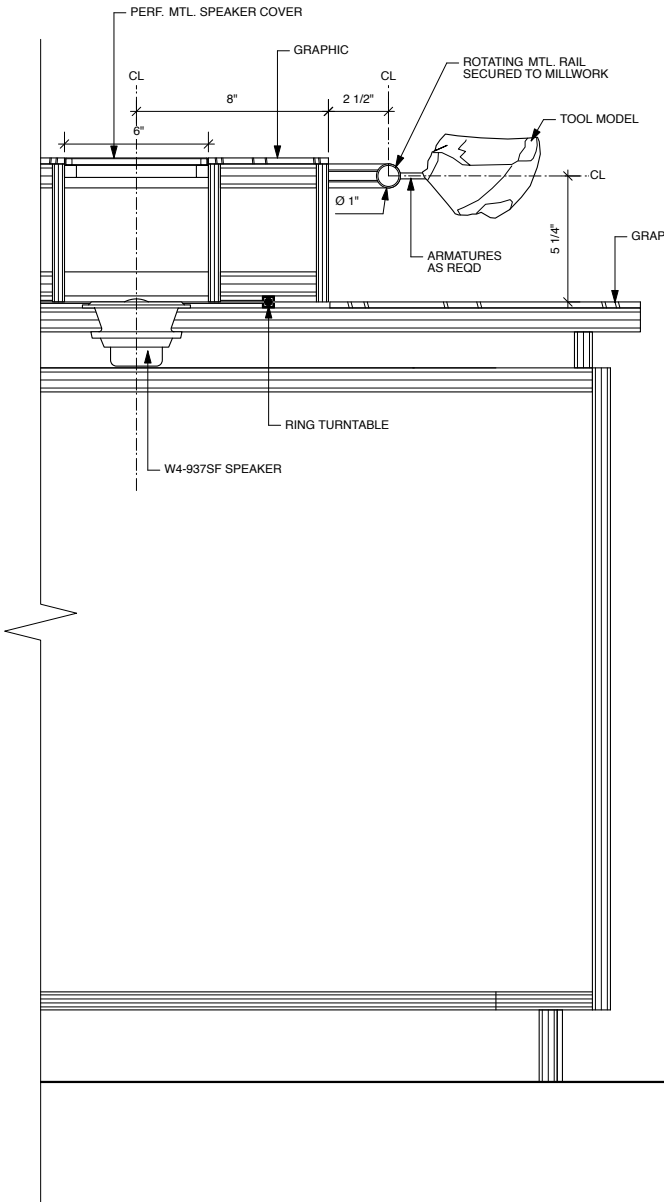
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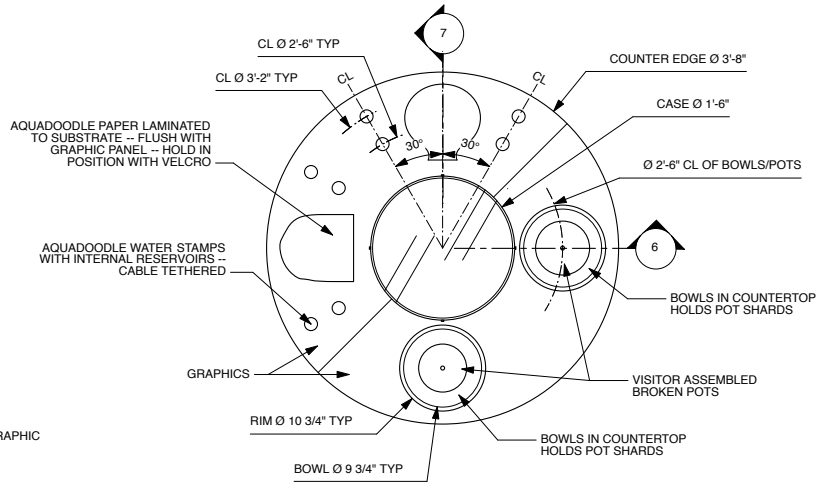
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PLAN TOOLS INTERACTIVE
SCALE: 1"= 1'-0"



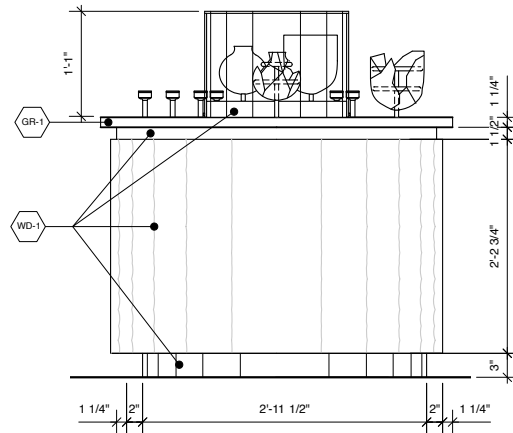
2 **ELEVATION: TOOLS**
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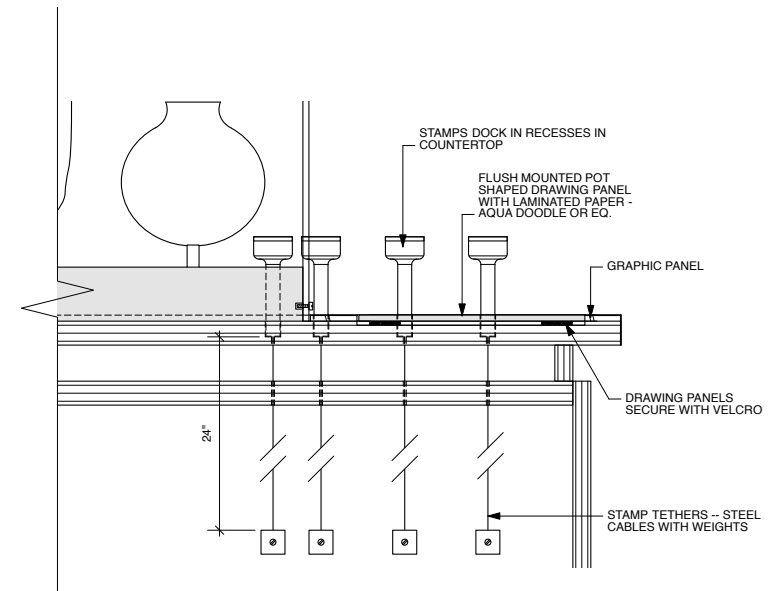
3 **TOOLS SECTION DETAIL**
SCALE: 3"= 1'-0"



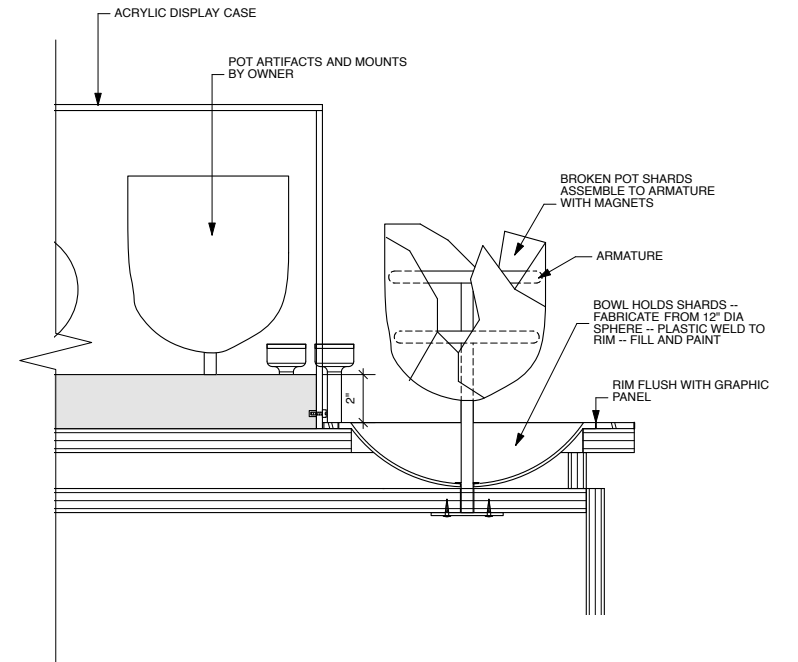
4 **FP5.E08.In01**
PLAN CERAMICS INTERACTIVE
SCALE: 1"= 1'-0"



5 **ELEVATION: CERAMICS**
SCALE: 1"= 1'-0"



7 **CERAMICS SECTION DETAIL 2**
SCALE: 3"= 1'-0"



6 **CERAMICS SECTION DETAIL 1**
SCALE: 3"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner: UMNH, 1390 East President's Circle, Salt Lake City, Utah 84112, 801.581.6927 tel.

Design Architect: Polshek Partnership Architects LLP, 320 West 13th Street, New York, New York, 212.807.7171 tel.

Architect of Record: Gillies Stransky Broms Smith, 375 West 200 South, Salt Lake City, Utah 801.521.8600 tel.

Structural Engineer: Leslie E. Robertson Associates, 30 Broad Street, New York, New York 10004, 212.750.9000 tel.

Mechanical/Plumbing/FP Engineer: Colvin Engineering Associates, Inc., 244 West 300 North, Salt Lake City, Utah 84103, 801.322.2400 tel.

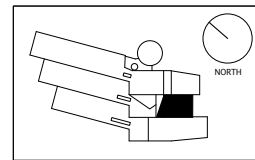
Electrical/AV Engineer: Spectrum Engineers, 175 South Main Street, Salt Lake City, Utah 84111, 800.678.7077 tel.

Landscape Architect: Design Workshop, Inc., 1796 Prospector Avenue, Park City, Utah 84060, 435.655.0915 tel.

Lighting: Branstor Partnership, 122 West 26th Street, New York, NY 10001, 212.924.4050 tel.

Audio Visual: BBI Engineering, Inc., 241 Quint Street, San Francisco, CA 94124, 415.685.9555 tel.

Exhibition Planner and Designer: Ralph Appelbaum Associates, 88 Pine Street, New York, New York 10005, 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
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WS6	July 11, 2007
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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 3 Details:
TABLE EXHIBITS**

Date
Dec. 19, 2008

Scale*

varies

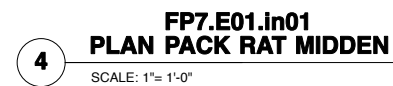
Project No.

0275

Sheet No.

X3-FP-4.10

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

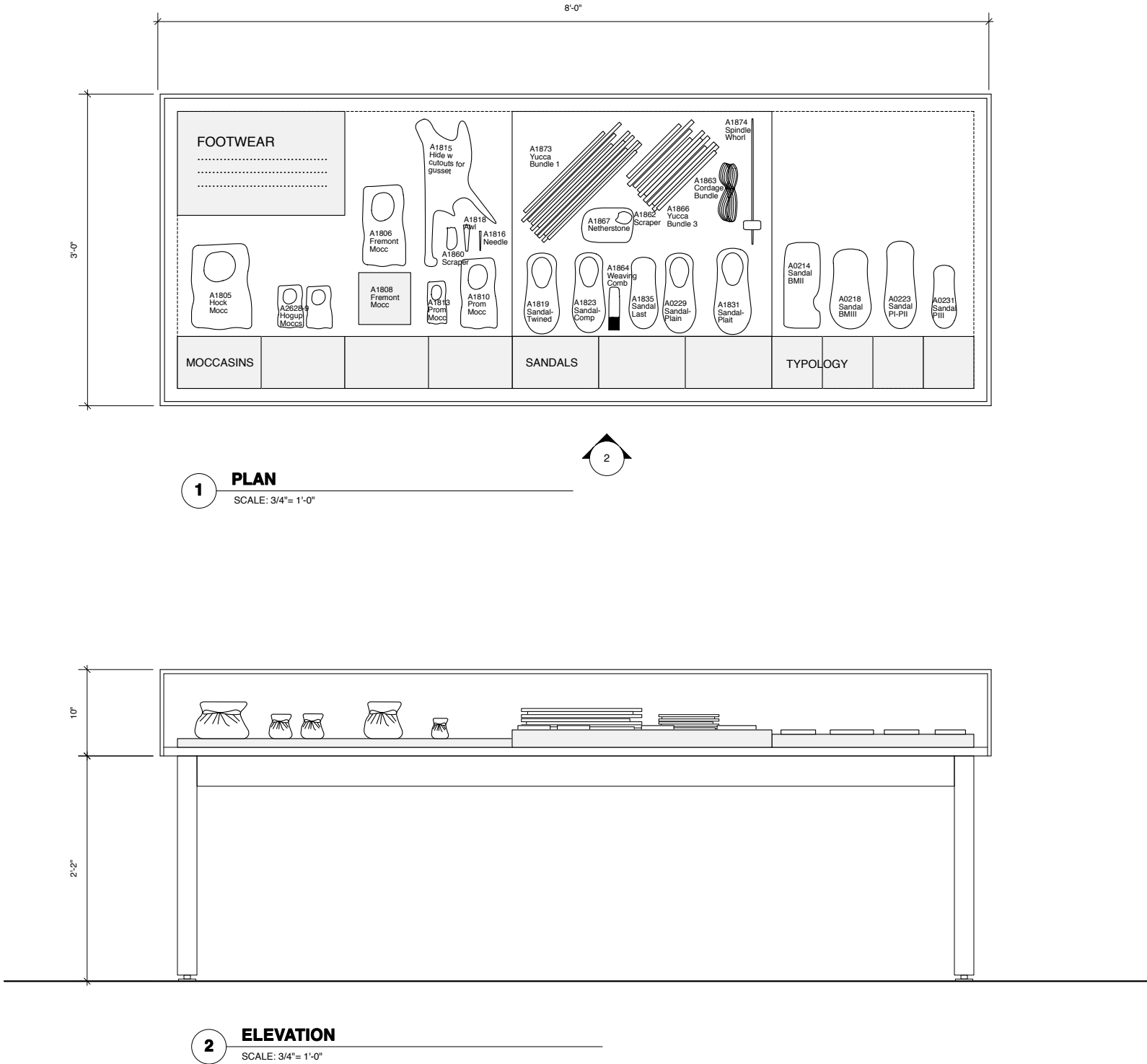


varies **X3-FP-4.11**

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



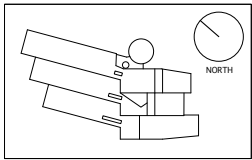
NOTE:
1. SEE X-TYP-1.00 FOR GLASS CASE SCHEDULE AND TYP. CASE DWGS FOR BRACKET & PANEL DTLS
2. SEE CASEWORK SPECIFICATIONS

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

FD WS3	Oct.16, 2008
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No. / Issue Name / Date

Sheet Title
Exhibit Case Layouts
FP5.EO3.ca05

Date
Nov. 3, 2008
Scale*
3/4"=1'-0"

Project No.
0275
Sheet No.

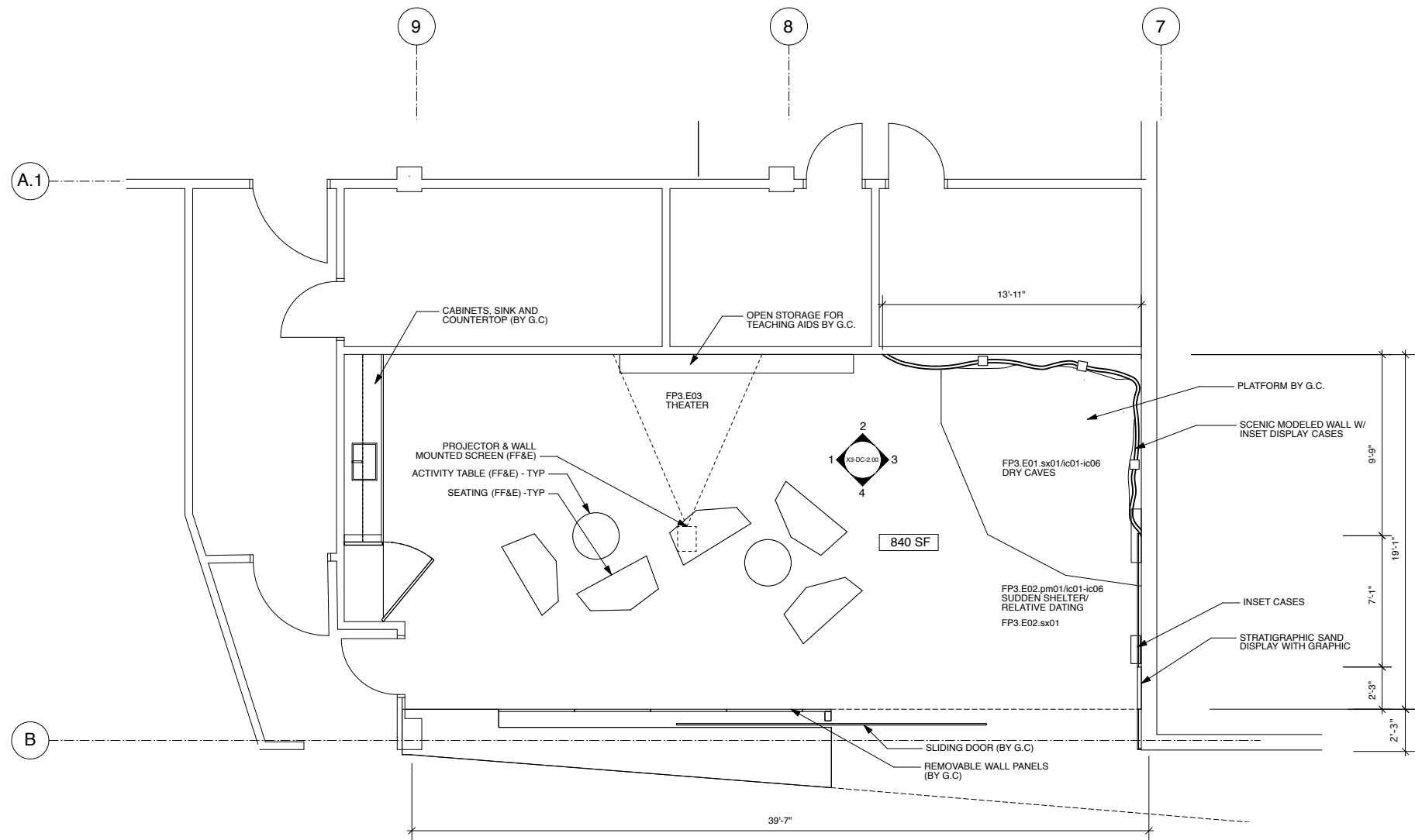
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1. SEE X-TYP-1.00 FOR GLASS CASE SCHEDULE AND TYP. CASE DWGS FOR BRACKET & PANEL DTLS
2. SEE CASEWORK SPECIFICATIONS

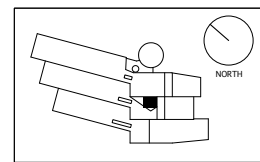
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 3 RCP:
Danger Cave Lab**

Date
Feb. 6, 2008

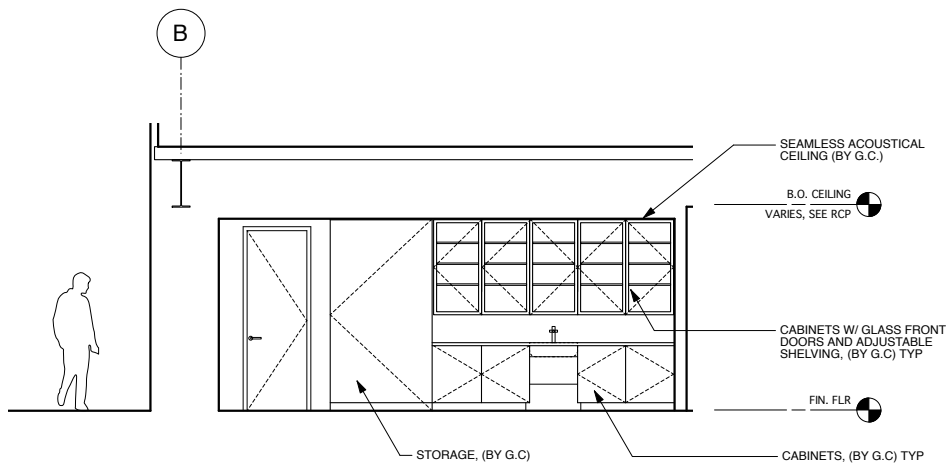
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Project No.
0275

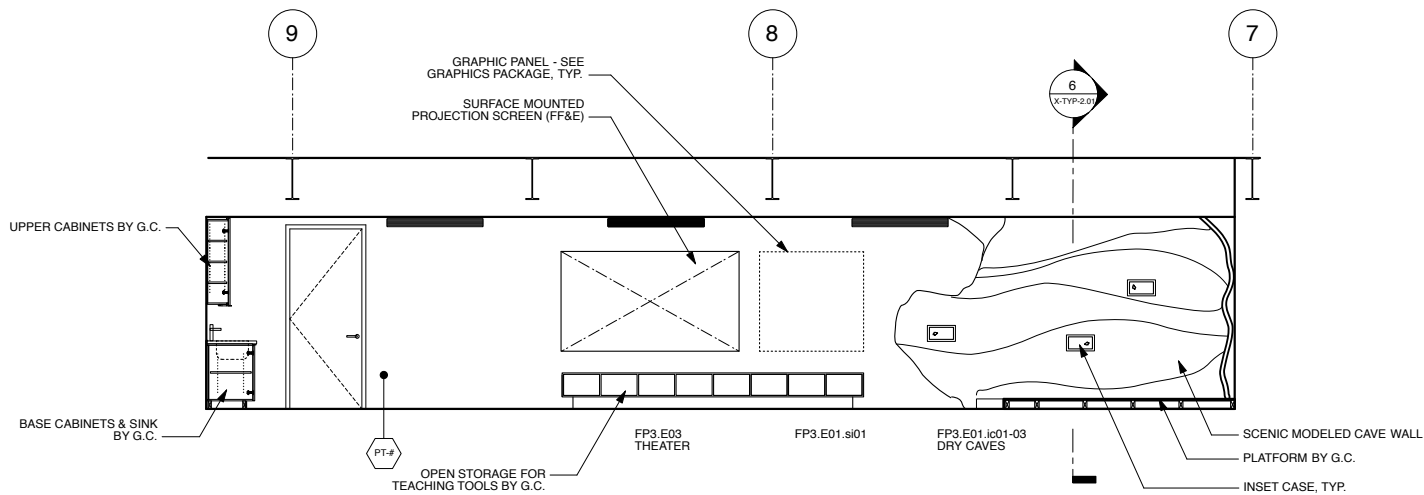
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X3-DC-1.00

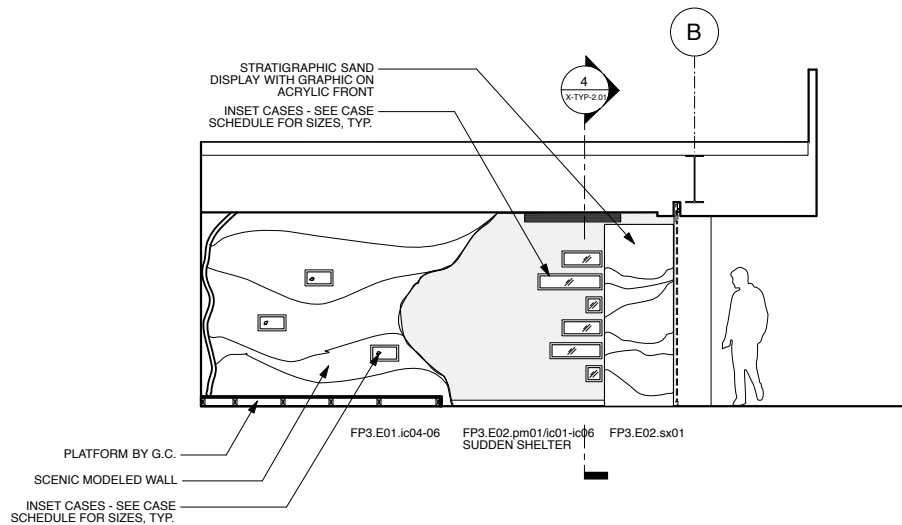
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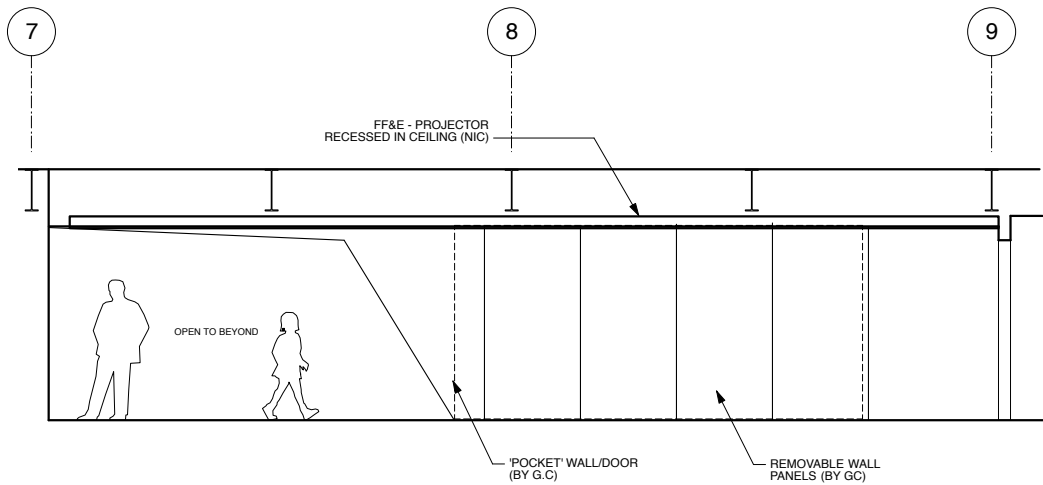
1 NORTH ELEVATION
SCALE: 1/4"= 1'-0"



2 EAST ELEVATION
SCALE: 1/4"= 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4"= 1'-0"



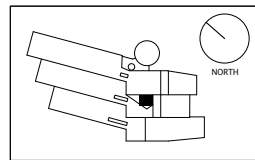
4 WEST ELEVATION
SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah 84060 435.655.0915 tel.	Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

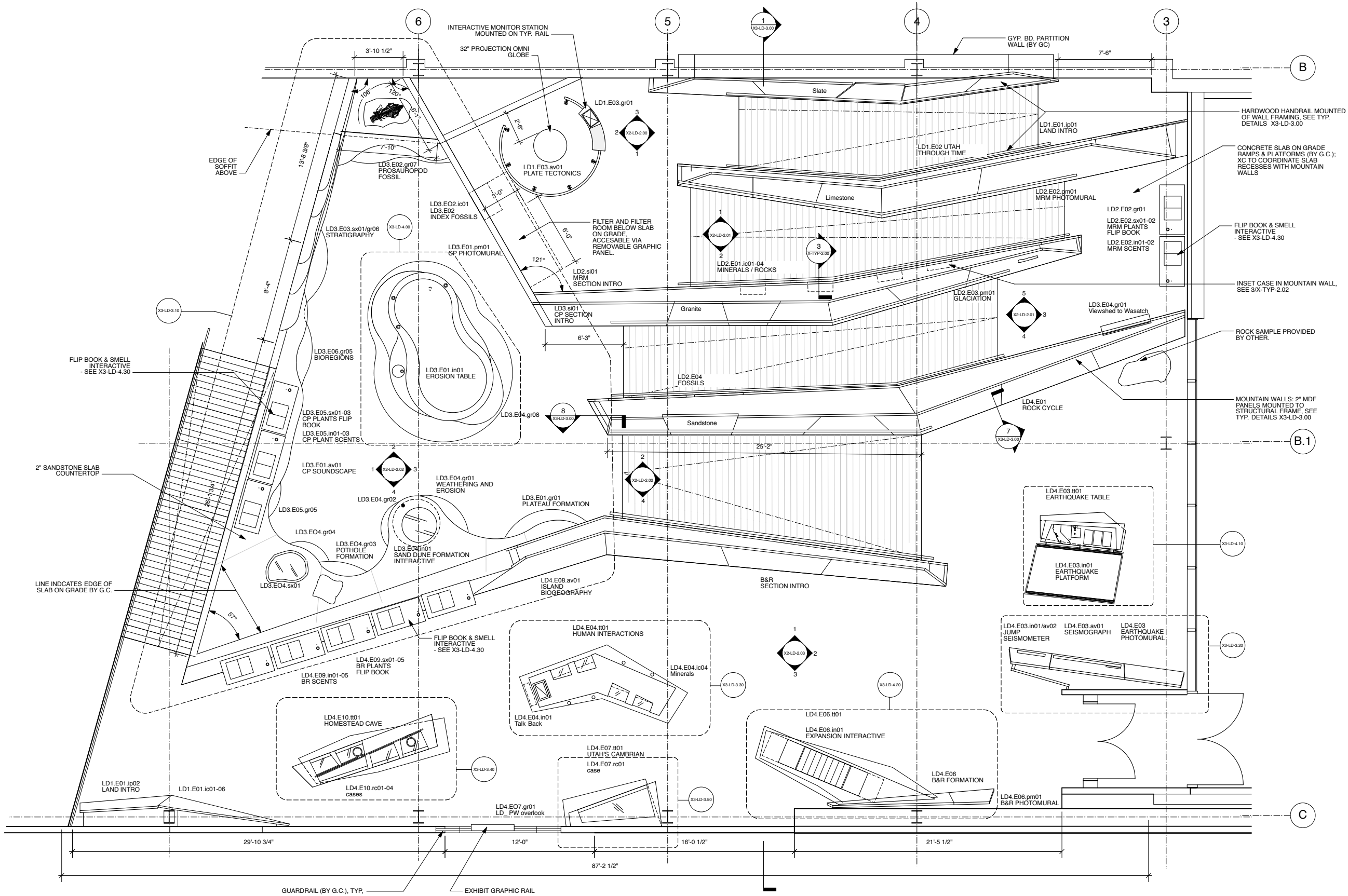
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100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
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WS4	April 12, 2007
No. / Issue Name / Date	

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title
Level 3 Elevations:
Danger Cave

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X3-DC-2.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



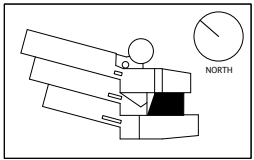
NOTES:
1. XC TO FIELD MEASURE EXHIBT. CONDITIONS PRIOR TO START OF FABRICATION
2. XC TO COORDINATE EXHIBIT LOCATIONS W/ BASE BUILDING CONCRETE SEAMING

UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



Key Plan

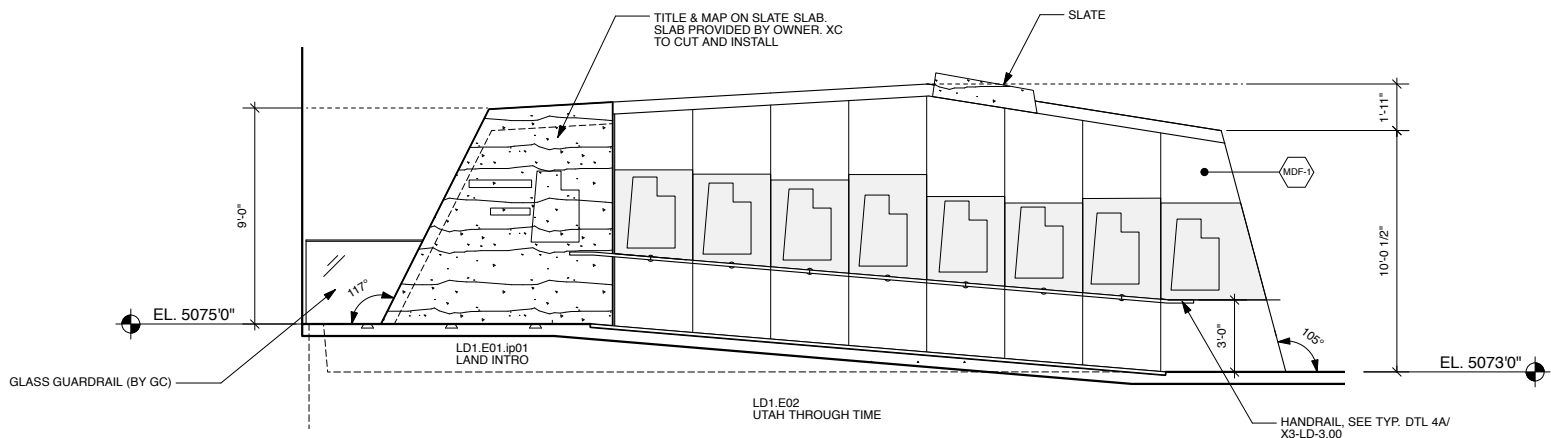
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FD WS2	Sept. 9, 2008
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WS4	April 12, 2007
No. / Issue Name / Date	

No. / Issue Name / Date	
80% FD Dec. 19, 2008	
FD WS4 Nov. 18, 2008	
FD WS3 Oct. 16, 2008	
No. / Issue Name / Date	

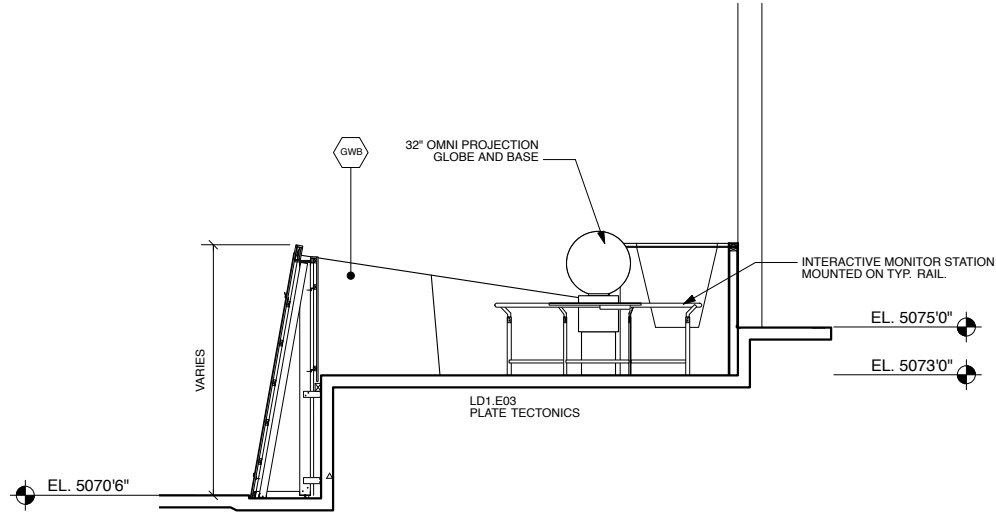
Sheet Title
**Level 3 Partial Plan:
The Land Observatory**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X3-LD-1.00

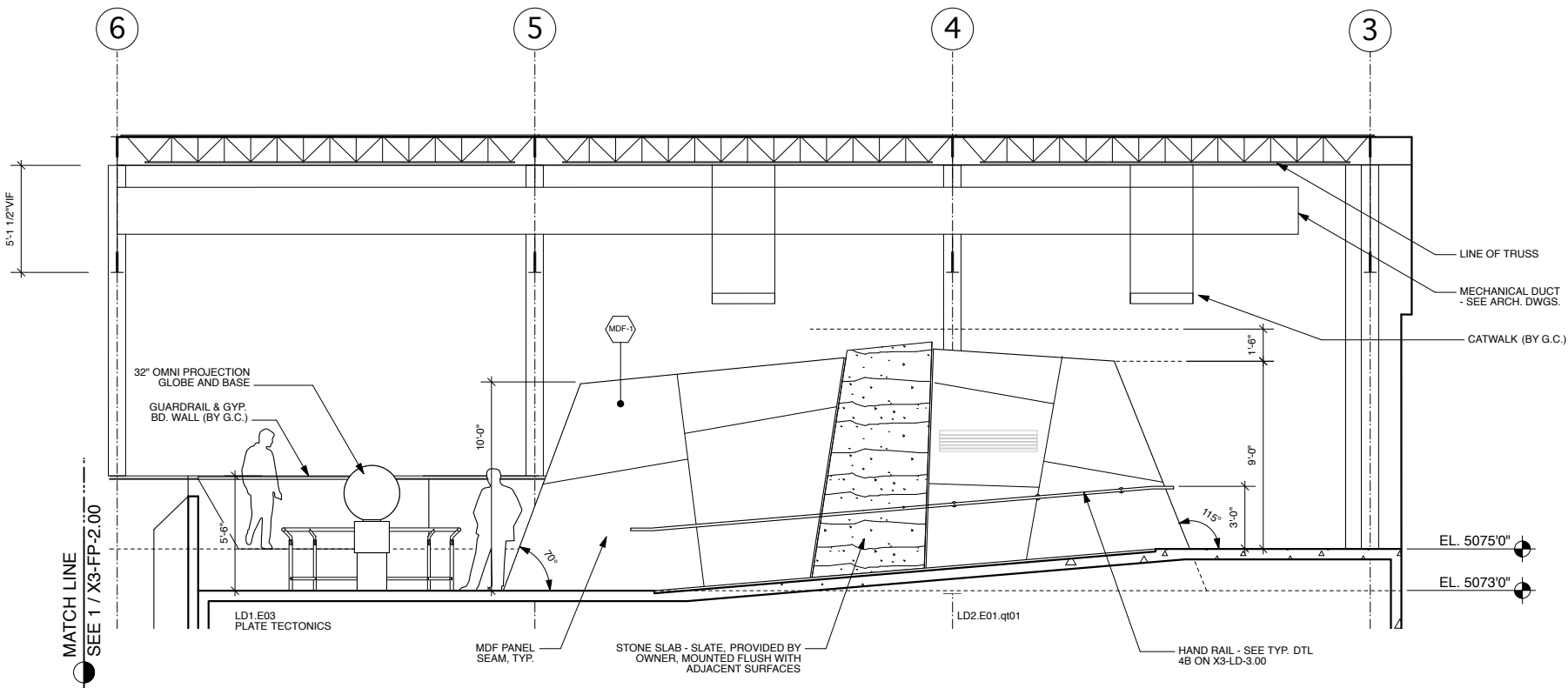
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



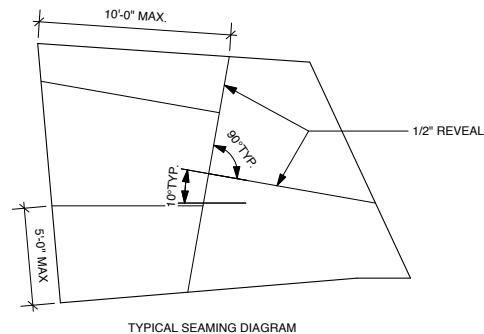
1 WEST ELEVATION MID. ROCKY MOUNTAINS
SCALE: 1/4"= 1'-0"



2 NORTH ELEVATION MID. ROCKY MOUNTAINS
SCALE: 1/4"= 1'-0"



3 EAST ELEVATION MID. ROCKY MOUNTAINS
SCALE: 1/4"= 1'-0"

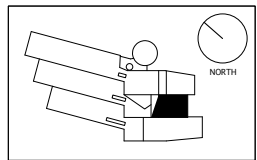


NOTES:
1. SEE GRAPHIC PACKAGE FOR GRAPHIC PANEL SIZES AND TREATMENTS
2. SEE STONE CLADDING SPECIFICATIONS FOR ADDITIONAL INFO
3. X.C. TO SURVEY SITE PRIOR TO SHOP DRAWINGS & FABRICATION

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



Key Plan

Owner UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Design Architect Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Architect of Record Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Structural Engineer Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Mechanical/Plumbing/FP Engineer Colvin Engineering Associates, Inc. 175 South Main Street Salt Lake City, Utah 84103 801.322.2400 tel	Electrical/AV Engineer Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel	Landscape Architect Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Lighting Branson Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	Audio Visual BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Exhibition Planner and Designer Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.
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FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

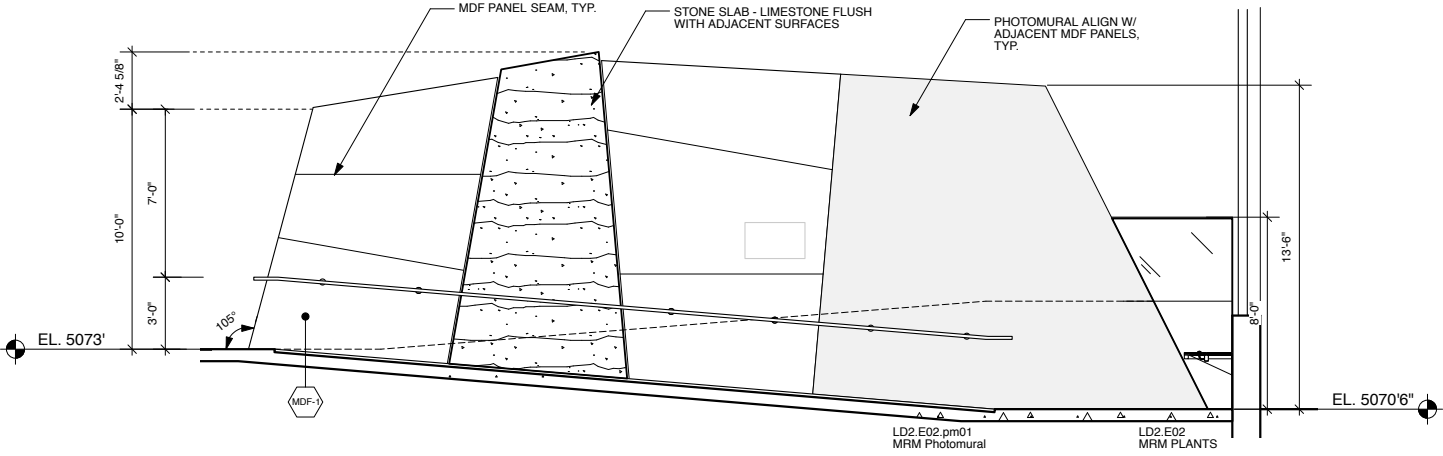
No. / Issue Name / Date

Sheet Title
**Level 3 Sections & Elevations
The Land Observatory - MRM**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
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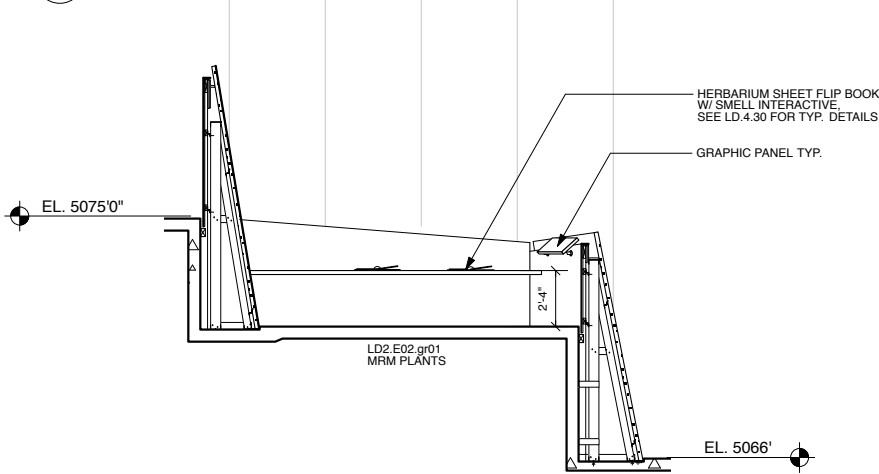
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



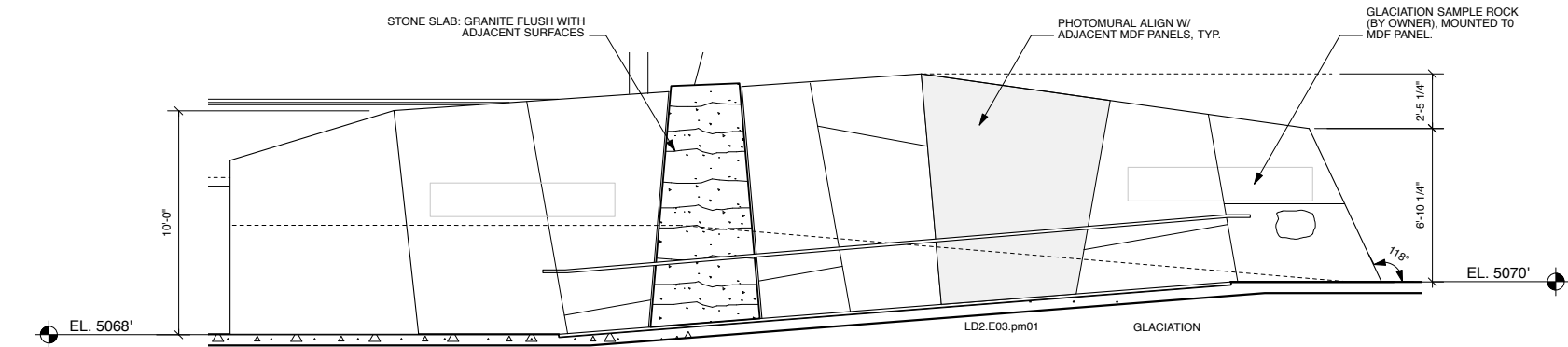
1 EAST ELEVATION MID. ROCKY MOUNTAINS

SCALE: 1/4"= 1'-0"



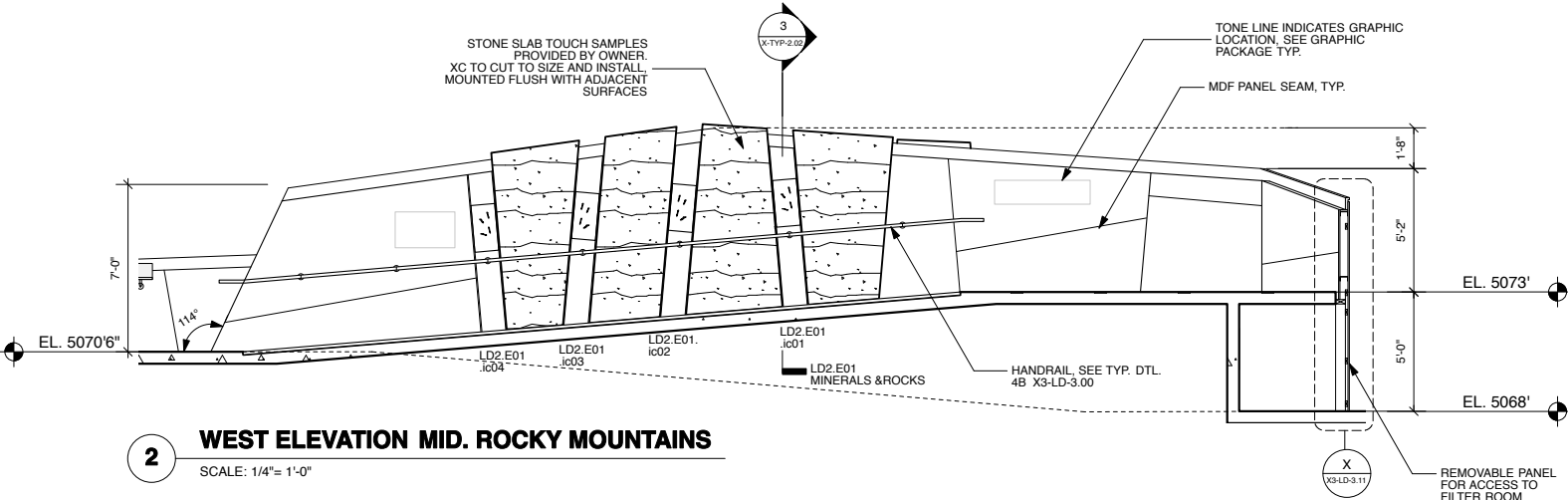
3 SOUTH ELEVATION MID. ROCKY MOUNTAINS

SCALE: 1/4"= 1'-0"



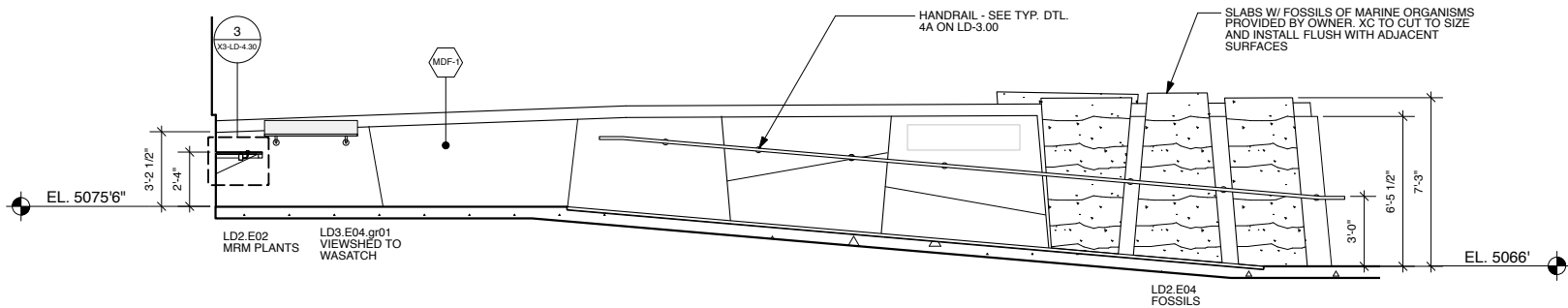
5 EAST ELEVATION MID. ROCKY MOUNTAINS

SCALE: 1/4"= 1'-0"



2 WEST ELEVATION MID. ROCKY MOUNTAINS

SCALE: 1/4"= 1'-0"



4 WEST ELEVATION MID. ROCKY MOUNTAINS

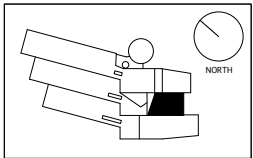
SCALE: 1/4"= 1'-0"

NOTES:
1. SEE GRAPHIC PACKAGE FOR GRAPHIC PANEL SIZES AND TREATMENTS
2. SEE STONE CLADDING SPECIFICATIONS FOR ADDITIONAL INFO
3. X.C. TO SURVEY SITE PRIOR TO SHOP DRAWINGS & FABRICATION

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
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Key Plan

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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Level 3 Sections & Elevations:
The Land Observatory - MRM

Date

Dec. 19, 2008

Scale*

1/4"=1'-0"

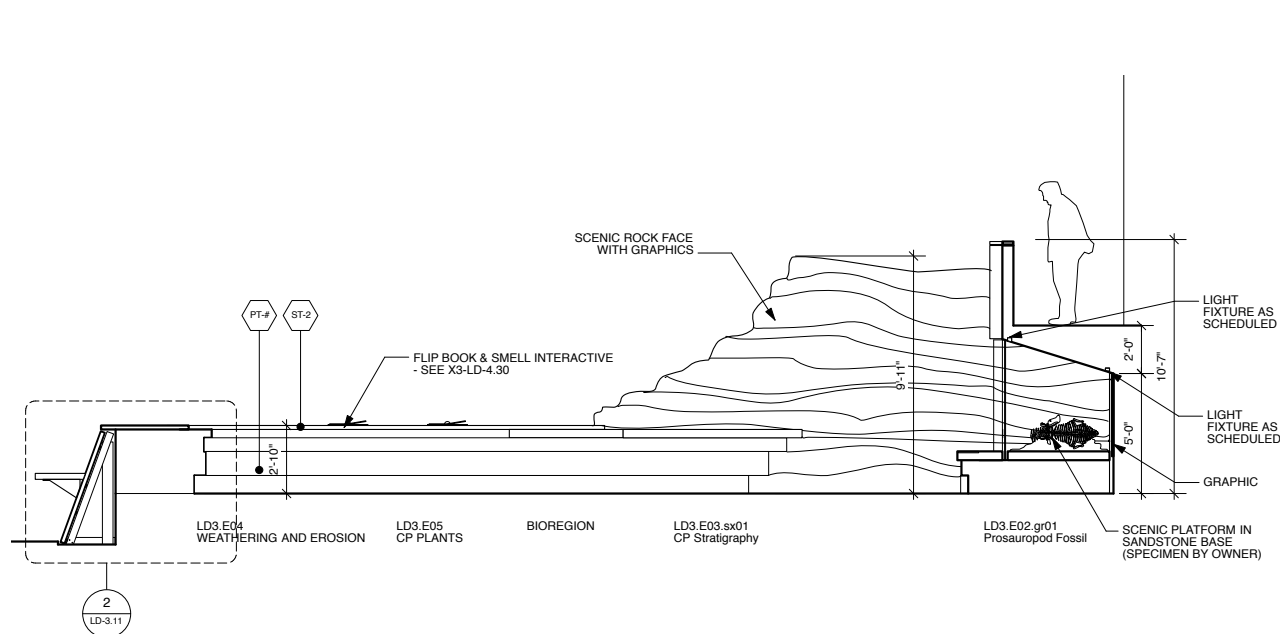
Project No.

0275

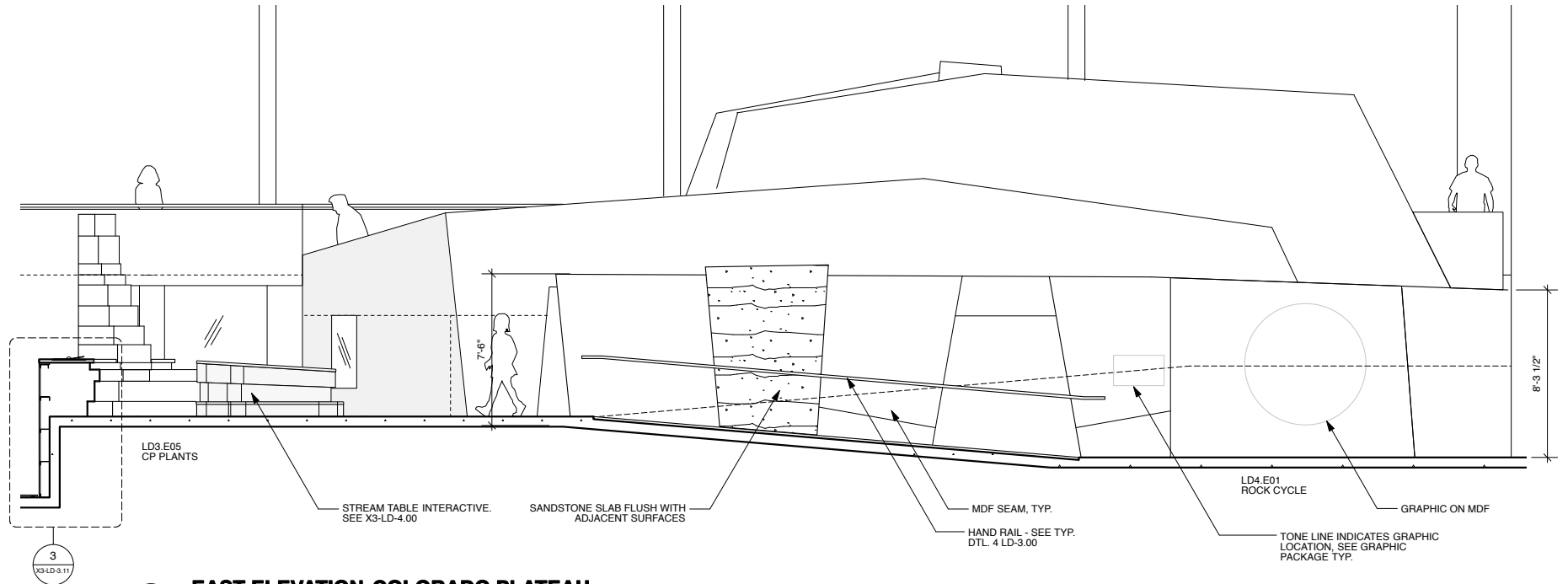
Sheet No.

X3-LD-2.01

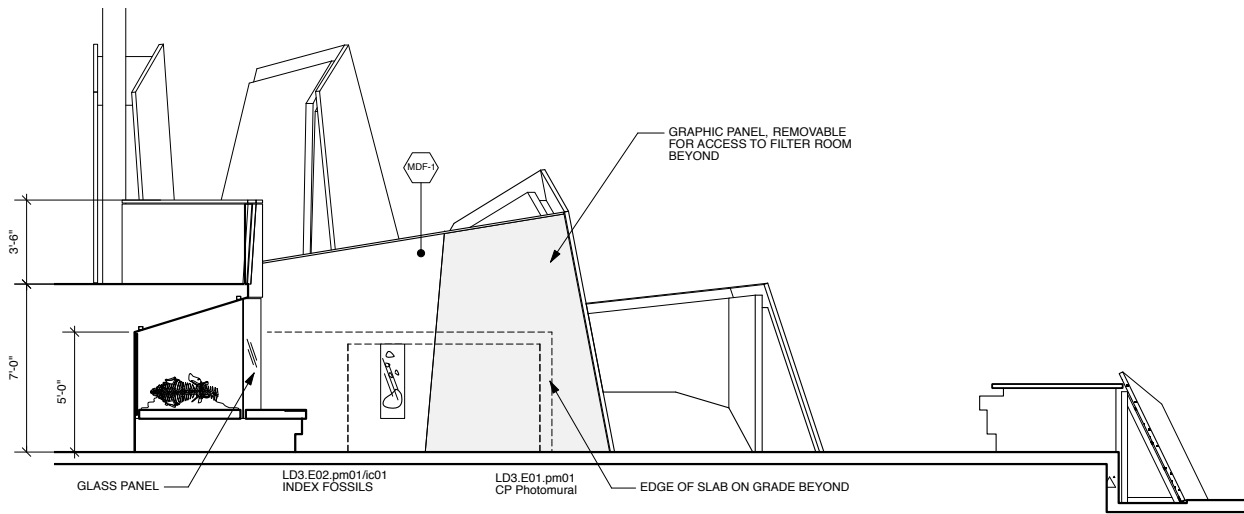
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



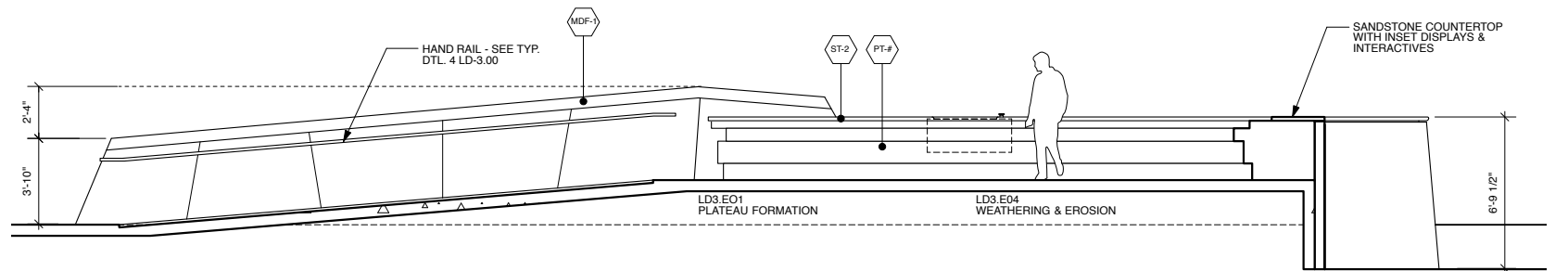
1 NORTH ELEVATION COLORADO PLATEAU
SCALE: 1/4"= 1'-0"



2 EAST ELEVATION COLORADO PLATEAU
SCALE: 1/4"= 1'-0"



3 SOUTH ELEVATION COLORADO PLATEAU
SCALE: 1/4"= 1'-0"



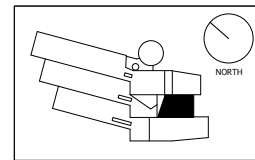
4 WEST ELEVATION COLORADO PLATEAU
SCALE: 1/4"= 1'-0"

NOTES:
1. SEE GRAPHIC PACKAGE FOR GRAPHIC PANEL SIZES AND TREATMENTS
2. SEE STONE CLADDING SPECIFICATIONS FOR ADDITIONAL INFO
3. X.C. TO SURVEY SITE PRIOR TO SHOP DRAWINGS & FABRICATION

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Design Architect Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Architect of Record Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Structural Engineer Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Mechanical/Plumbing/FP Engineer Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Electrical/AV Engineer Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Landscape Architect Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah 84060 435.655.0915 tel.	Lighting Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	Audio Visual BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Exhibition Planner and Designer Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.
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Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
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WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

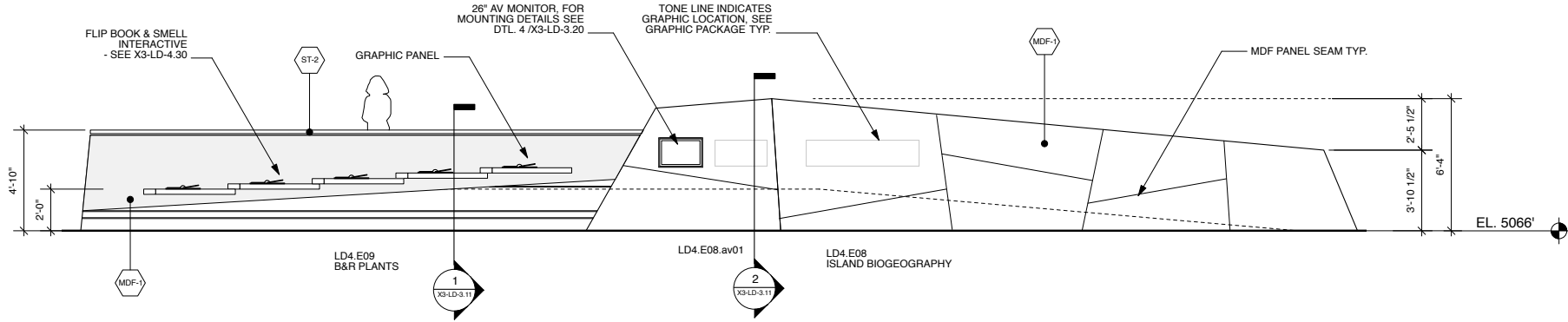
No. / Issue Name / Date

Sheet Title
**Level 3 Sections & Elevations
The Land Observatory - CP**

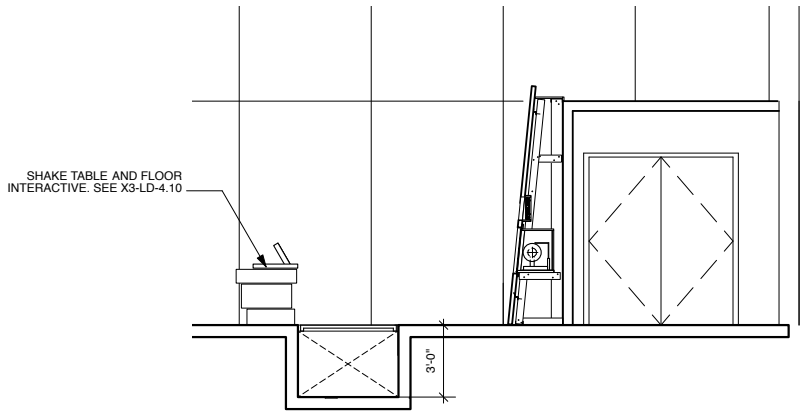
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	

X3-LD-2.02

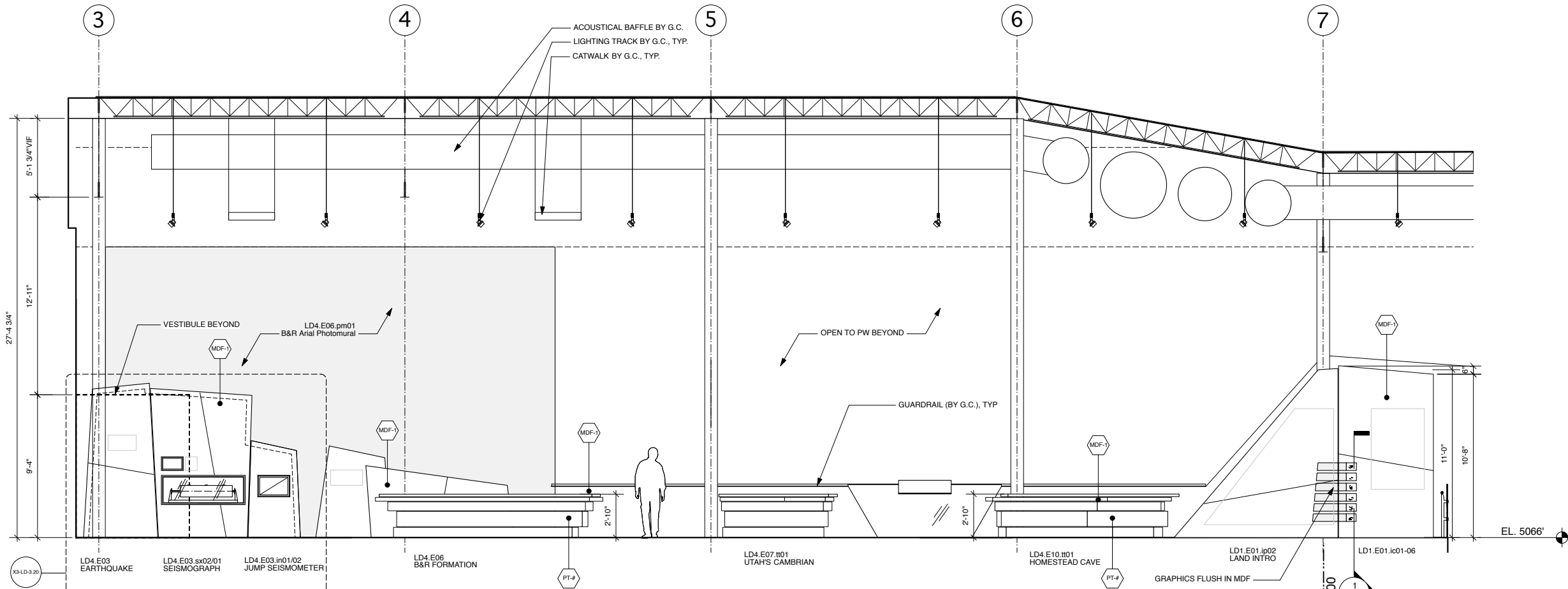
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



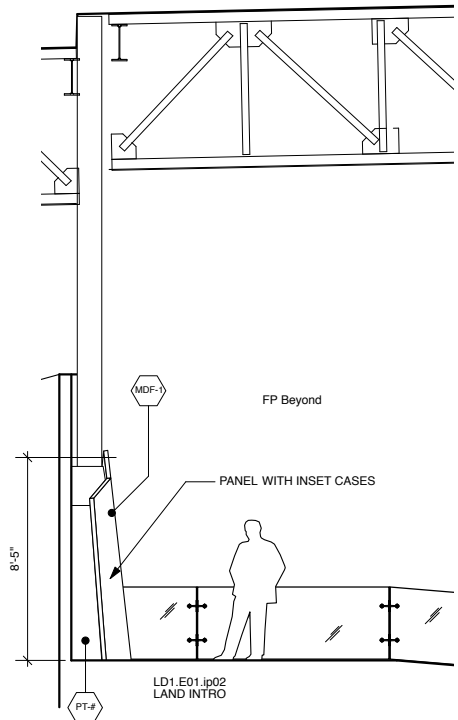
1 EAST ELEVATION BASIN & RANGE
SCALE: 1/4"= 1'-0"



2 SOUTH ELEVATION BASIN & RANGE
SCALE: 1/4"= 1'-0"



3 WEST ELEVATION BASIN & RANGE
SCALE: 1/4"= 1'-0"



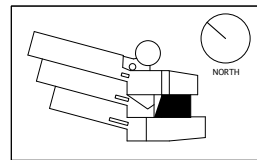
4 NORTH ELEVATION B&R
SCALE: 1/4"= 1'-0"

NOTES:
1. SEE GRAPHIC PACKAGE FOR GRAPHIC PANEL SIZES AND TREATMENTS
2. SEE STONE CLADDING SPECIFICATIONS FOR ADDITIONAL INFO
3. X.C. TO SURVEY SITE PRIOR TO SHOP DRAWINGS & FABRICATION

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Key Plan

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100% DD	June 2, 2008
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WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

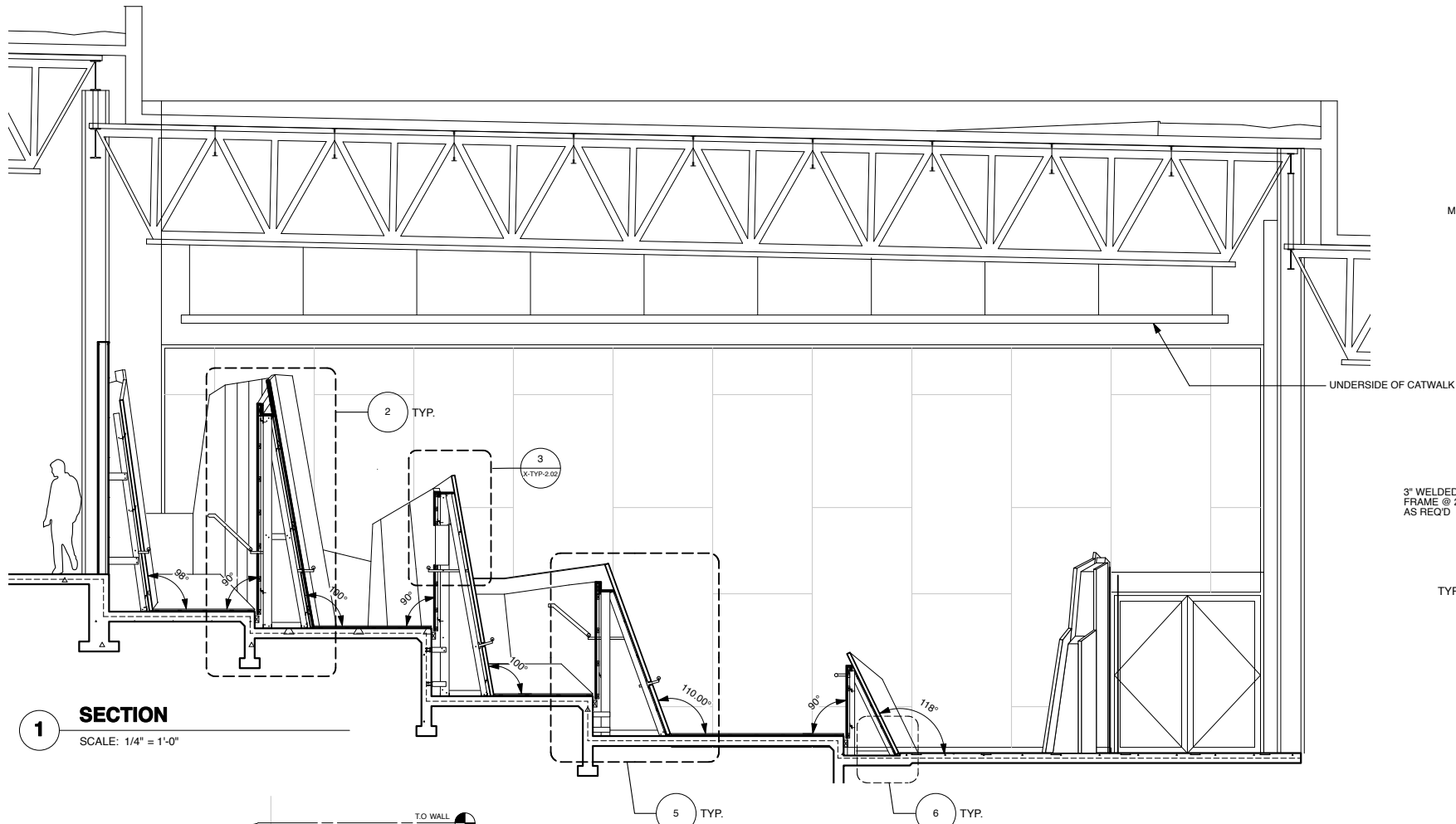
No. / Issue Name / Date

Sheet Title
Level 3 Sections & Elevations
The Land Observatory - B&R

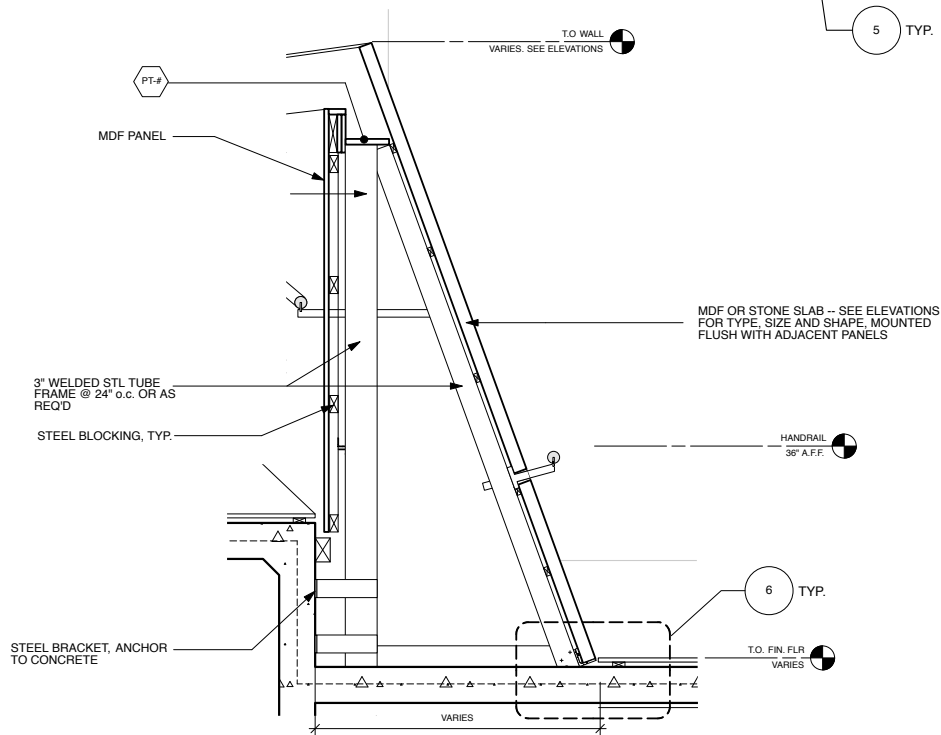
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	

X3-LD-2.03

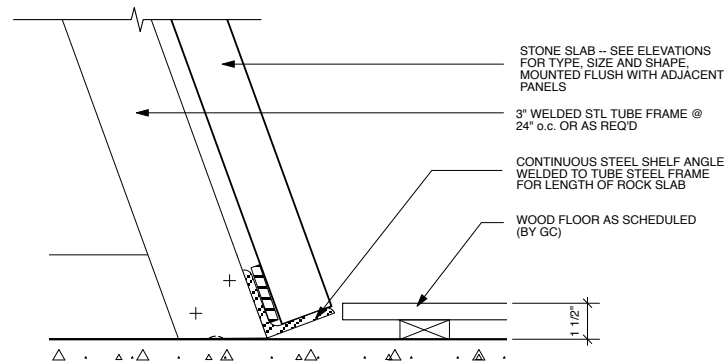
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



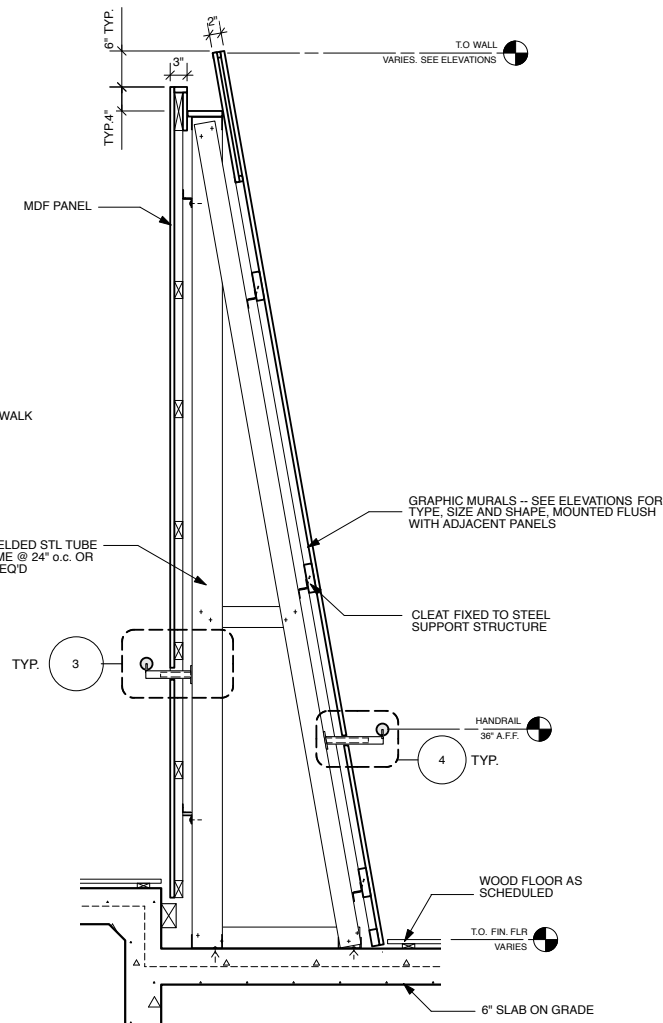
1 SECTION
SCALE: 1/4" = 1'-0"



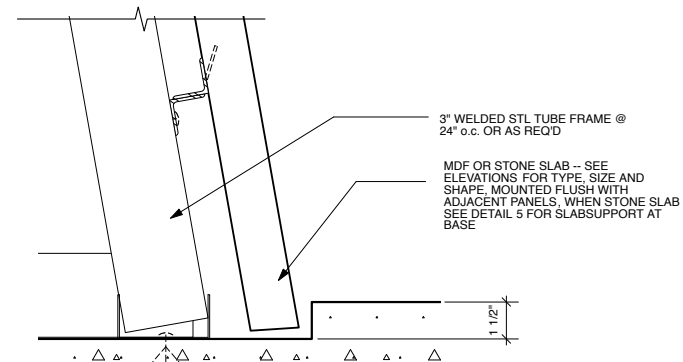
5 SECTION: STONE SLAB STRUCTURE, TYP.
SCALE: 3/4" = 1'-0"



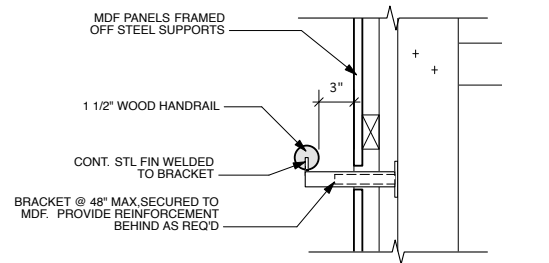
6 SECTION DETAIL AT PANEL EDGE, TYP
SCALE: 3" = 1'-0"



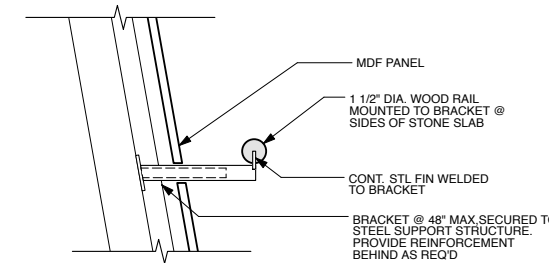
2 SECTION: GRAPHIC STRUCTURE, TYP.
SCALE: 3/4" = 1'-0"



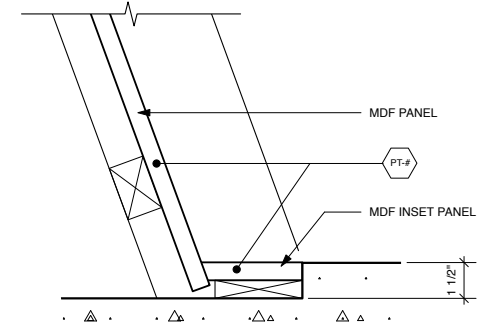
7 SECTION DETAIL AT RAMP EDGE, TYP
SCALE: 3" = 1'-0"



3 SECTION DETAIL AT RAIL TYP.
SCALE: 1" = 1'-0"



4 SECTION DETAIL AT RAIL, TYP.
SCALE: 1" = 1'-0"

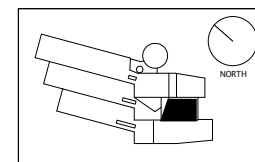


8 SECTION DETAIL, TYP
SCALE: 3" = 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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UMNH 1330 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 175 South Main Street Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1736 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBi Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
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WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 3 Details:
The Land Observatory - Typ. Details**

Date
Dec. 19, 2008

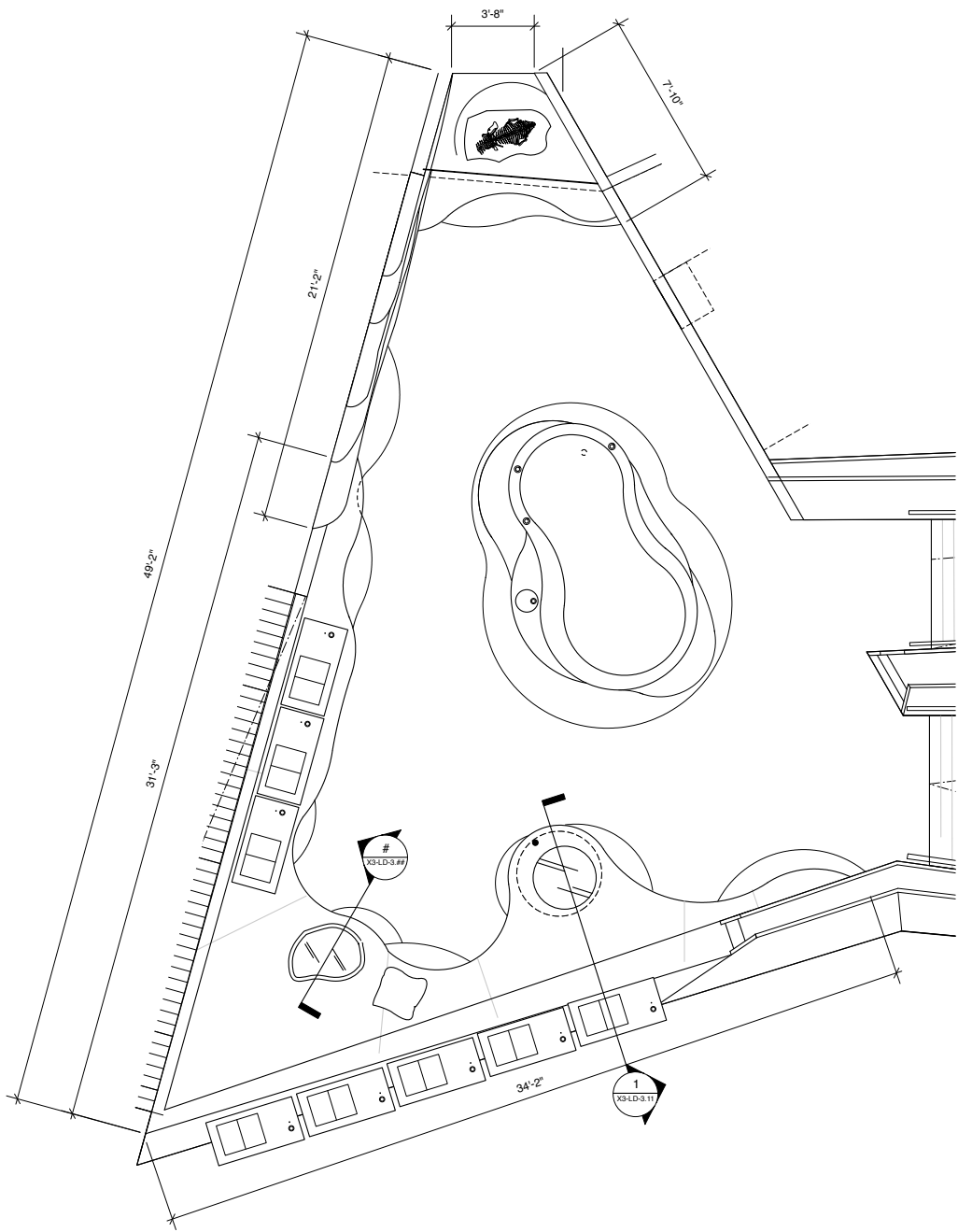
Scale*
1"=1'-0"

Project No.
0275

Sheet No.

X3-LD-3.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



NOTES:
1. CP MILLWORK DTL. PLAN TO BE PROVIDED BY EXHIBIT DESIGNER
2. X.C. TO SURVEY SITE CONDITIONS PRIOR TO SHOP DRAWINGS AND FABRICATION

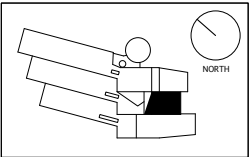
1 CP DETAIL PLAN: SANDSTONE COUNTERTOP
SCALE: 1/4"= 1'-0"

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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Exhibit Construction



Key Plan

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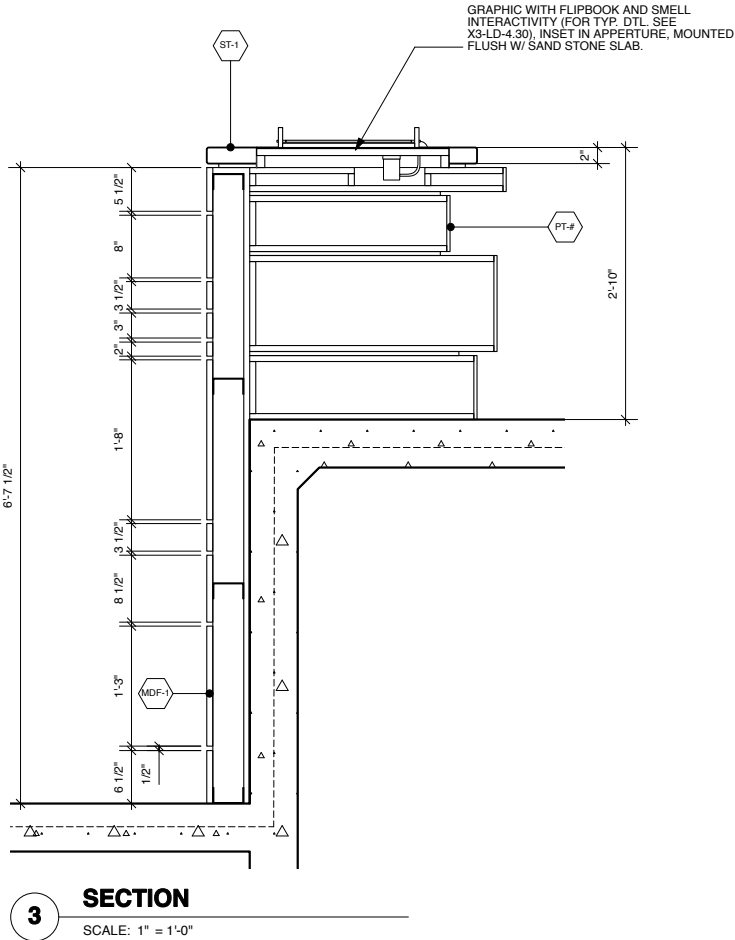
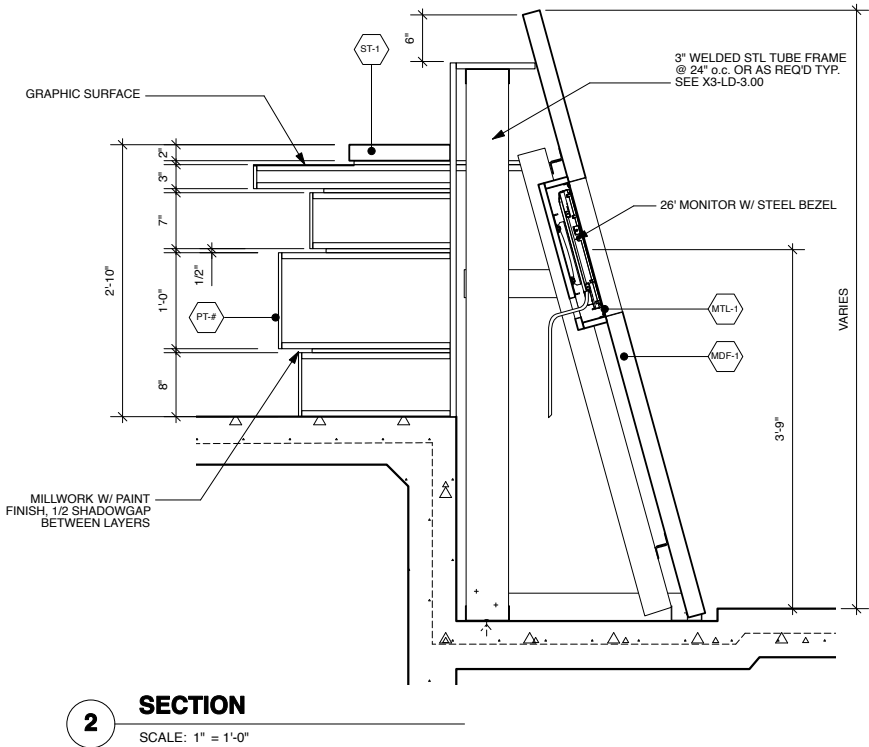
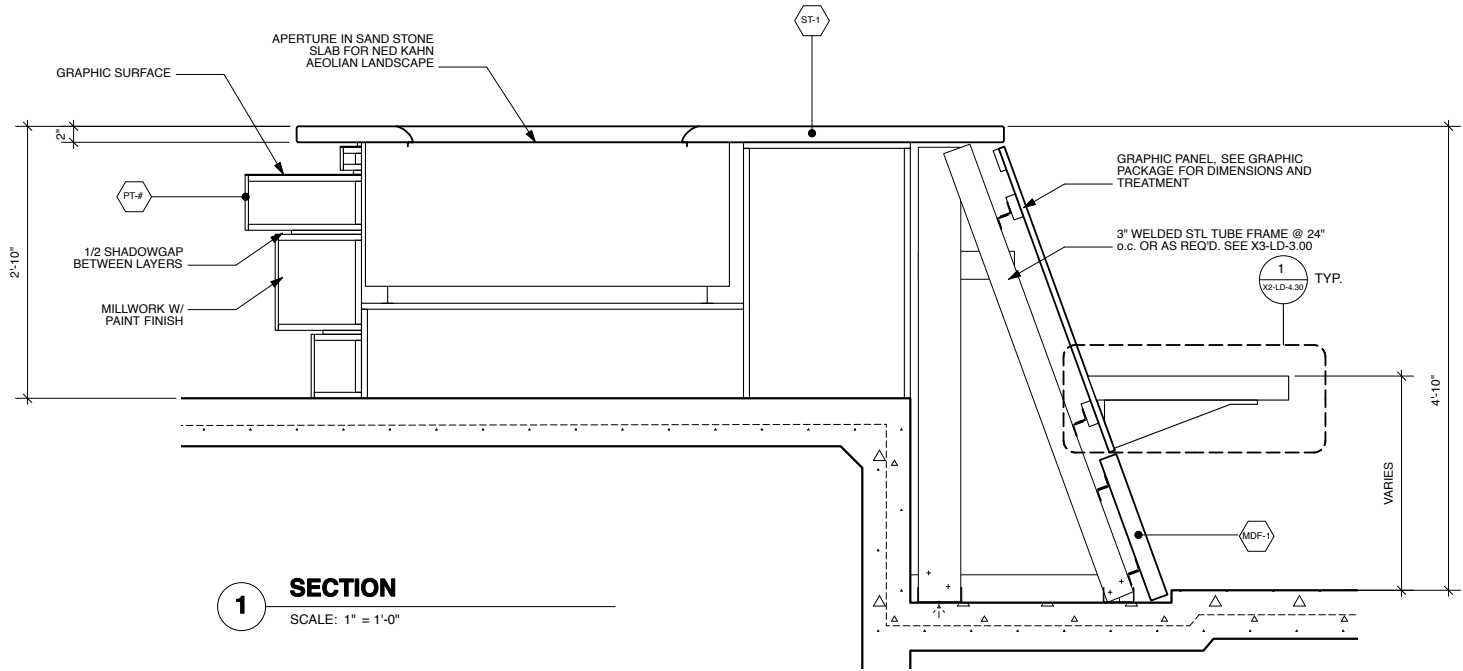
No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title	Project No.
Level 3 Details: The Land Observatory - CP Dtl. Plan	0275
Date	Sheet No.
Dec. 19, 2008	X3-LD-3.10
Scale*	
1"=1'-0"	

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

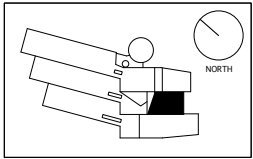


UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

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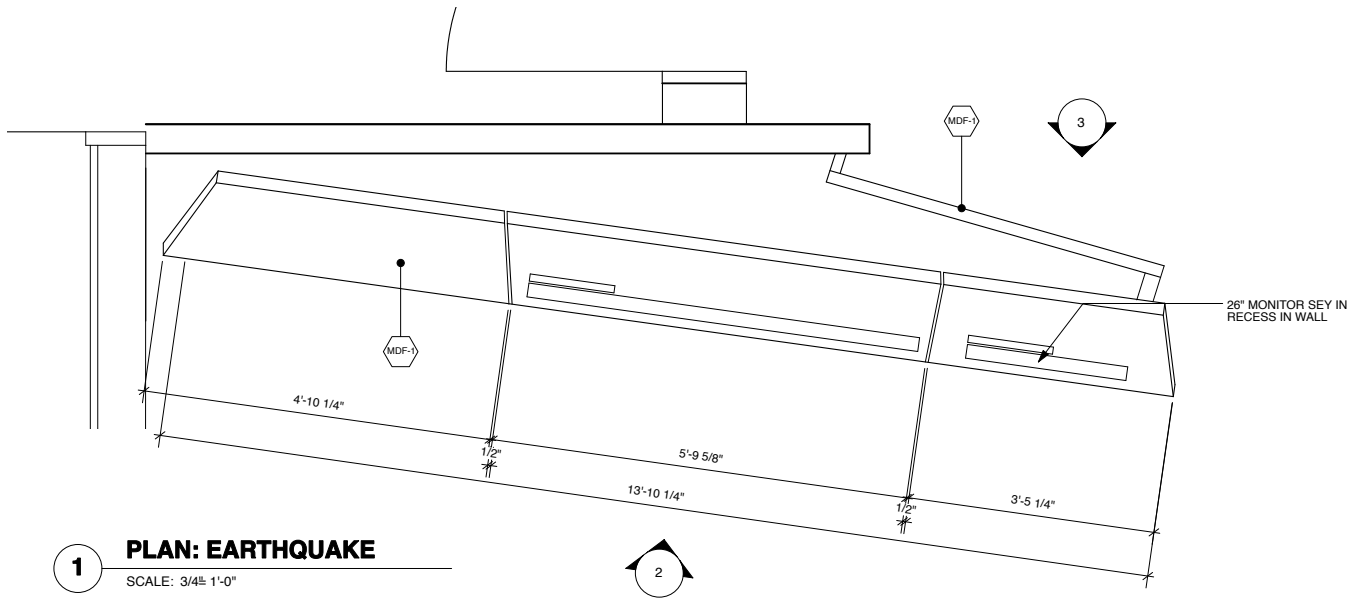


FD WS2rev	Sept.22, 2008
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XG 60% CD	May 5, 2008
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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

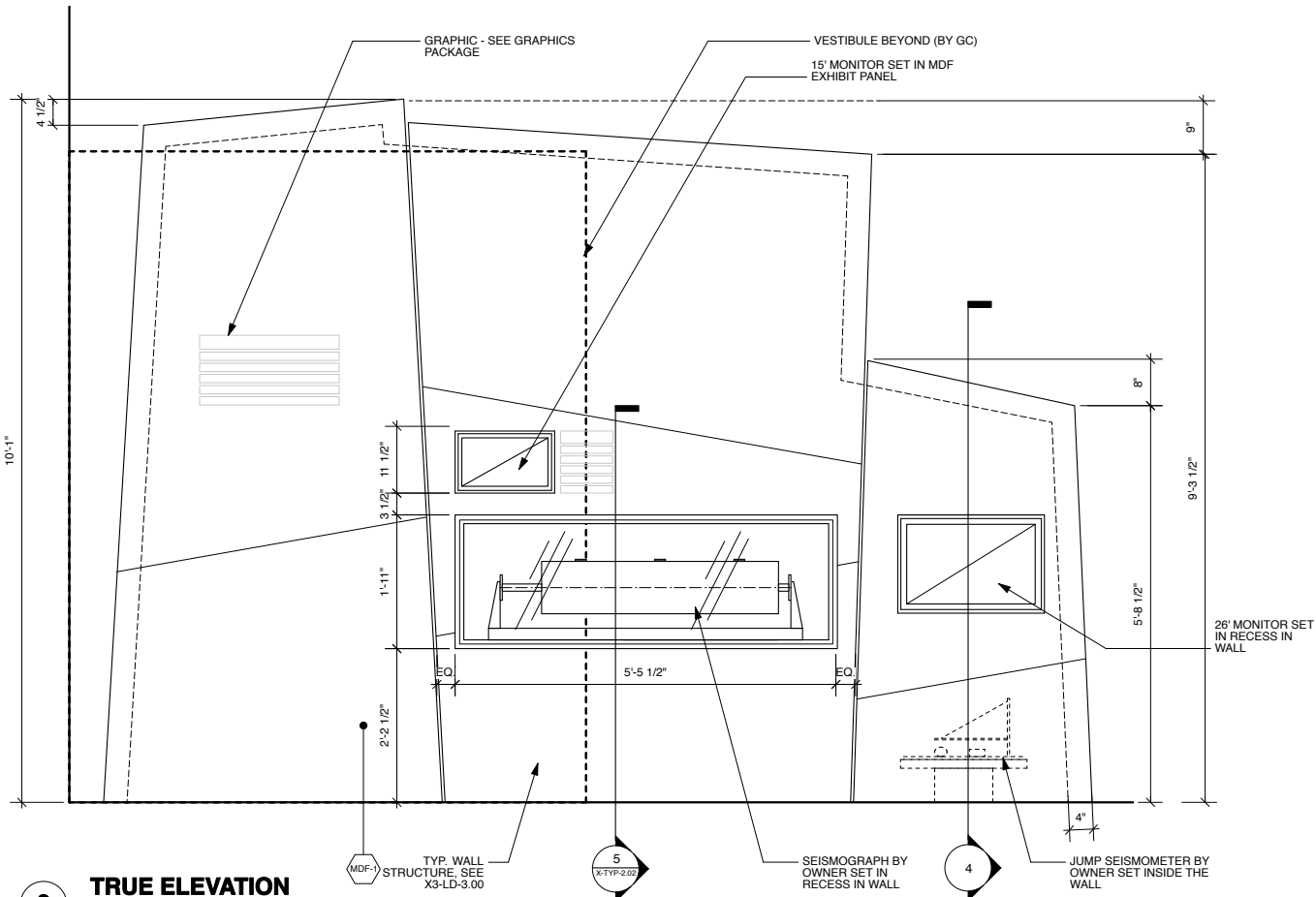
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title	
Level 3 Details: The Land Observatory - Typ. Details	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1"=1'-0"	X3-LD-3.11

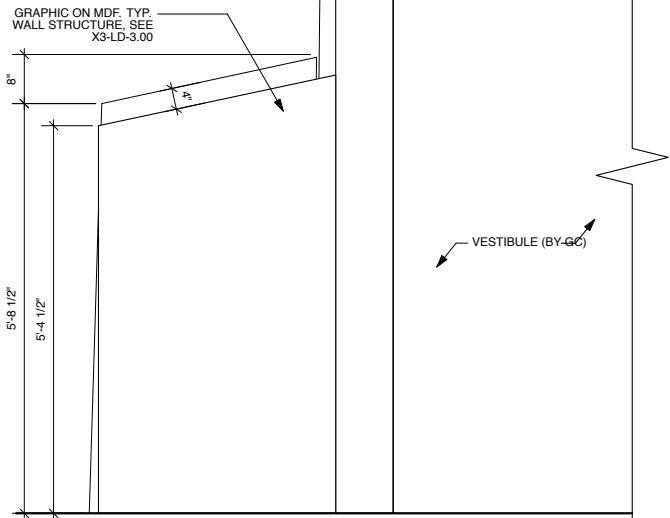
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



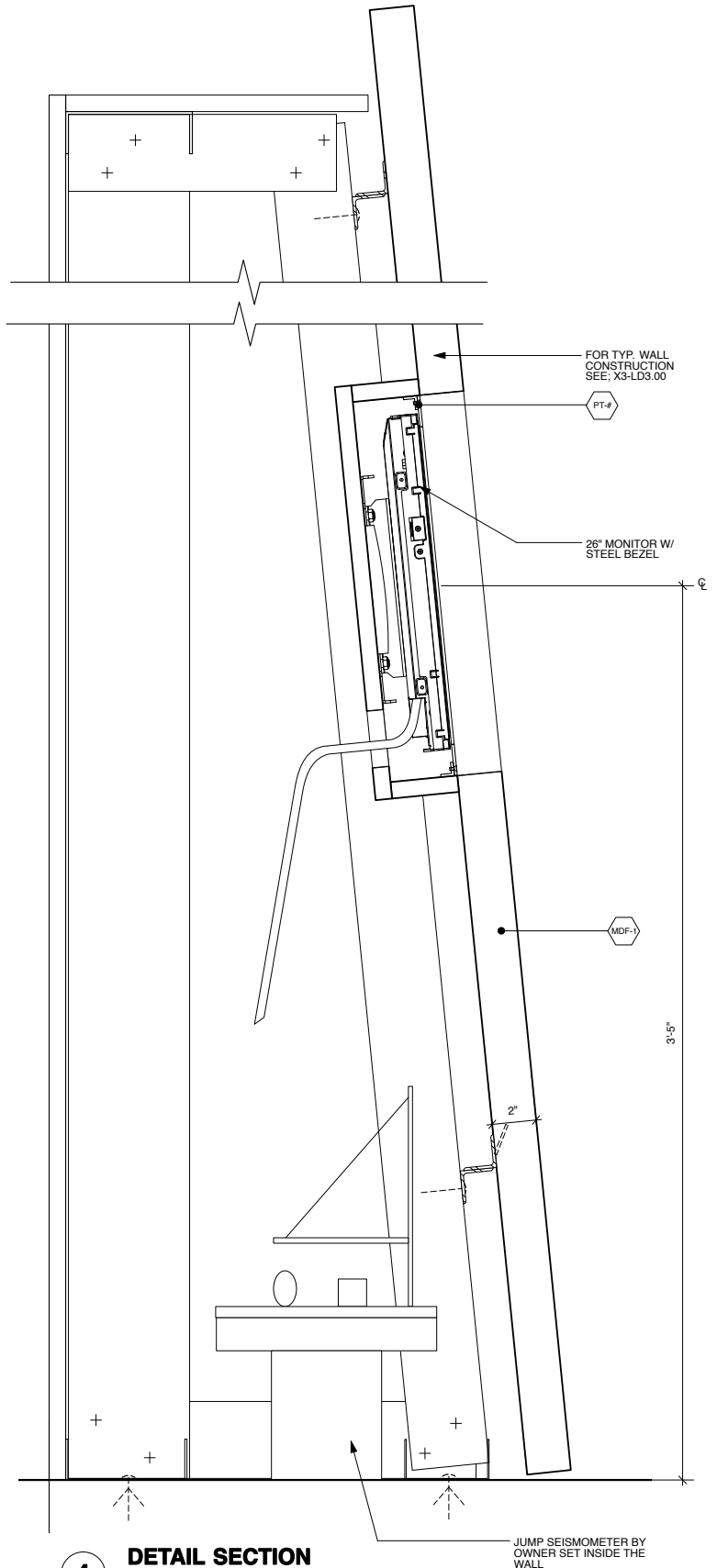
1 PLAN: EARTHQUAKE
SCALE: 3/4" = 1'-0"



2 TRUE ELEVATION
SCALE: 3/4" = 1'-0"



3 ELEVATION
SCALE: 3/4" = 1'-0"



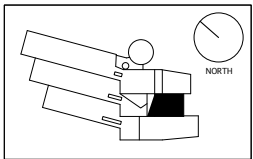
4 DETAIL SECTION
SCALE: 3" = 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
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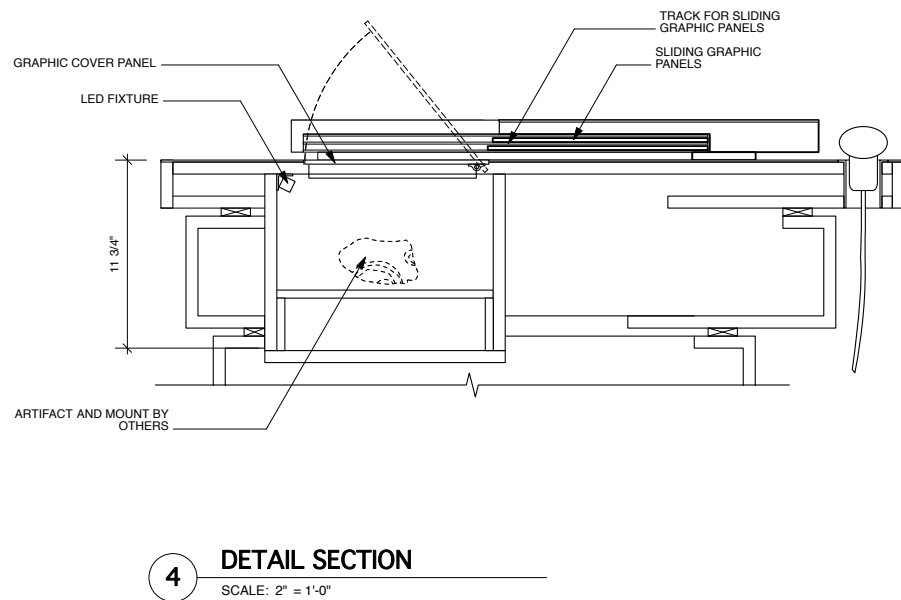
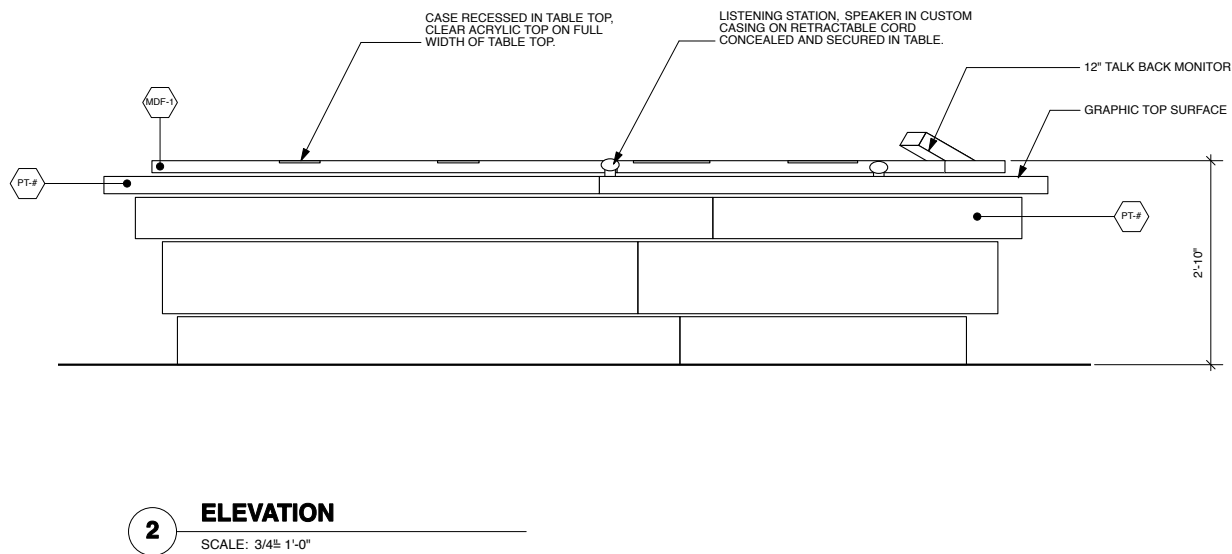
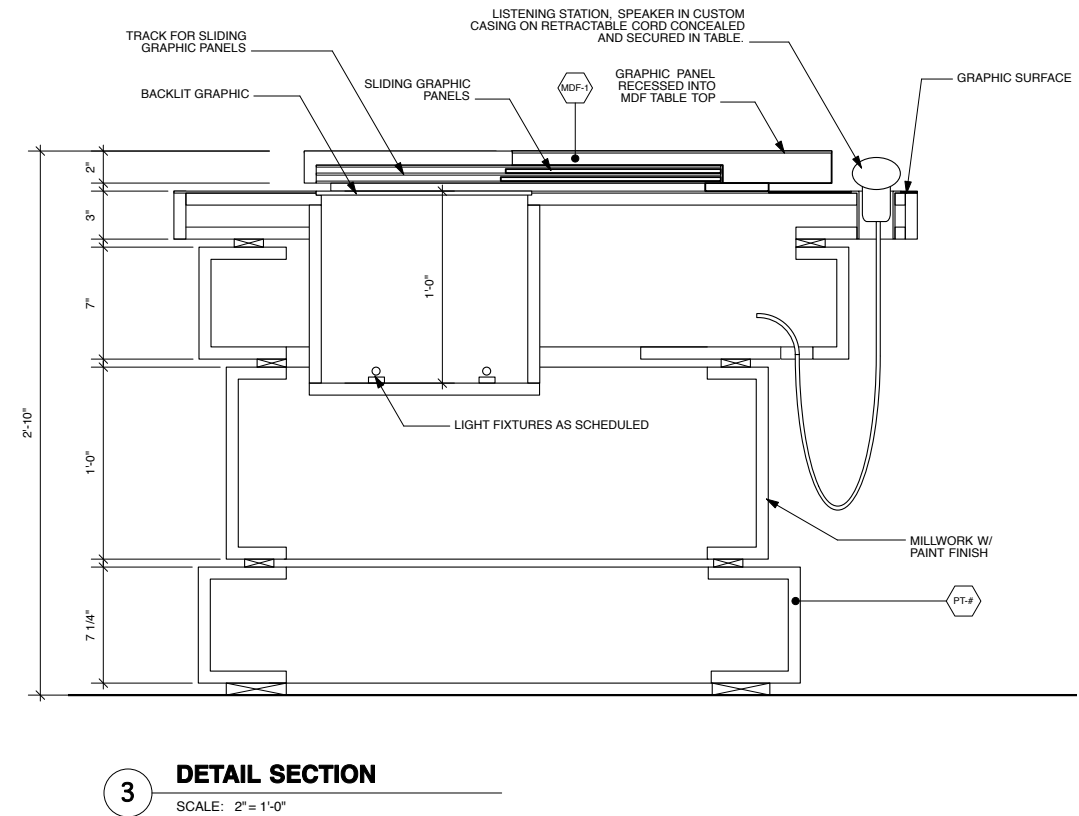
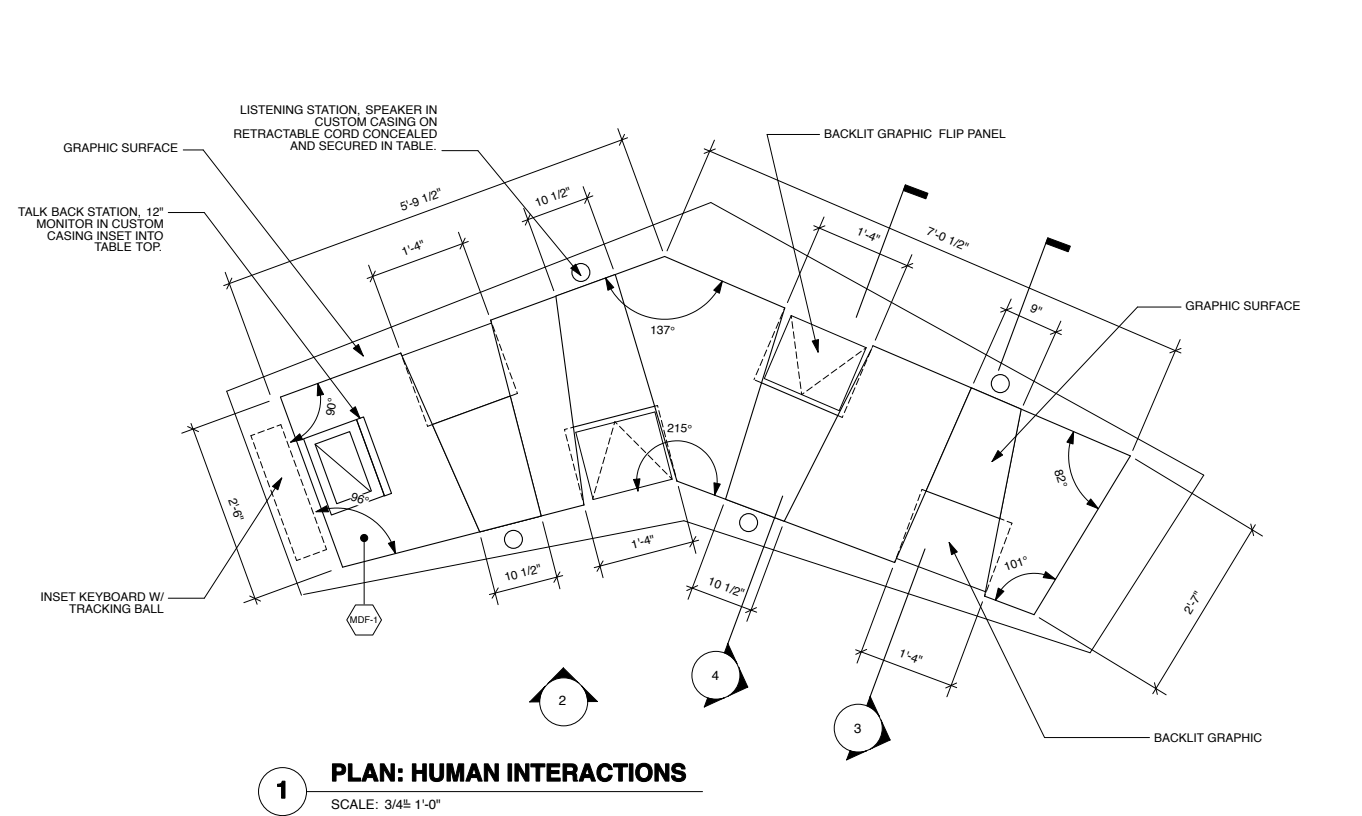
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Level 3 Details:
The Land Observatory LD4.EO3

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1"=1'-0"	X3-LD-3.20

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



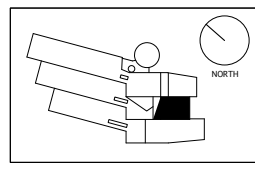
NOTES:
1. ALL CORNERS ON TABLE TOP AND BASE TO HAVE A SMALL MITER

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
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Key Plan

FD WS2rev	Sept.22, 2008
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100% DD	June 2, 2008
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WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

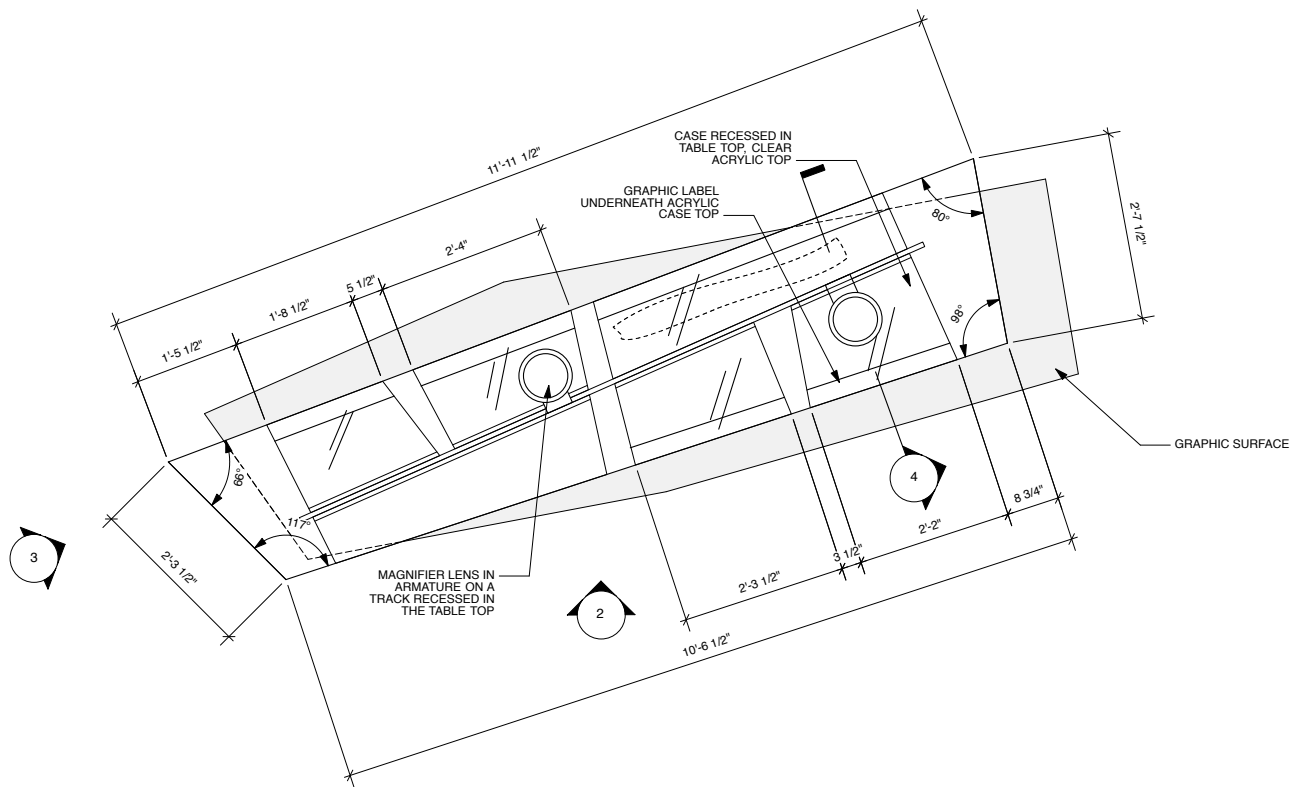
No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

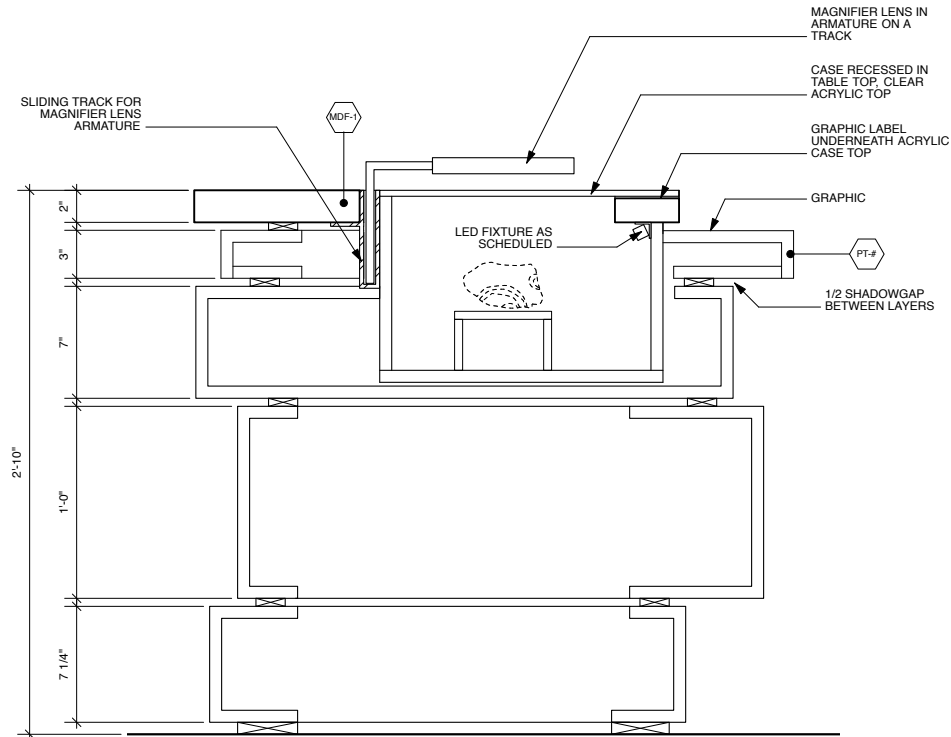
No. / Issue Name / Date

Sheet Title	Level 3 Details: The Land Observatory - LD4.E04.tt01
Date	Dec. 19, 2008
Scale*	1"=1'-0"
Project No.	0275
Sheet No.	X3-LD-3.30

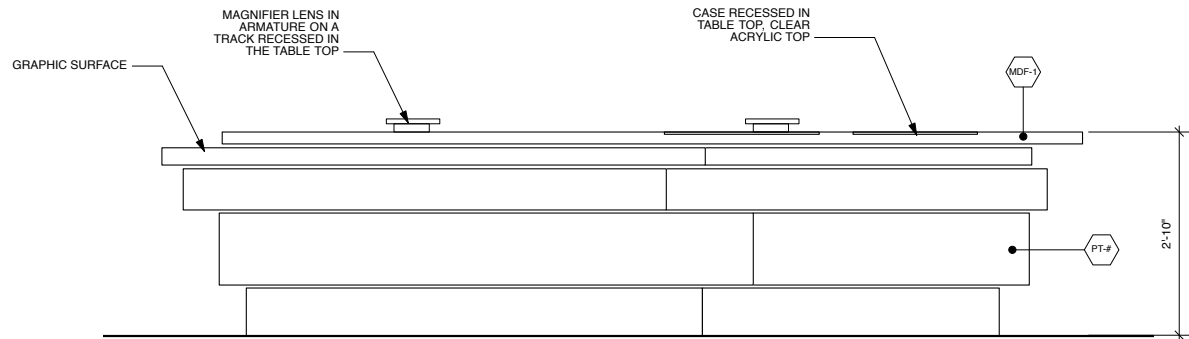
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



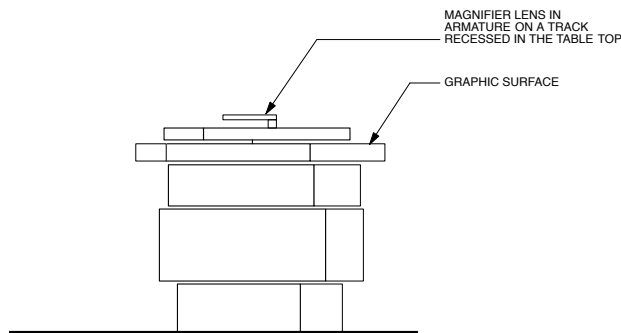
1 PLAN: HOMESTEAD CAVE
SCALE: 3/4"= 1'-0"



4 DETAIL SECTION
SCALE: 2"= 1'-0"



2 ELEVATION
SCALE: 3/4"= 1'-0"



3 ELEVATION
SCALE: 3/4"= 1'-0"

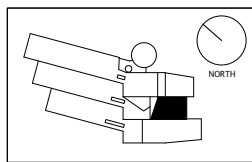
NOTES:
1. ALL CORNERS ON TABLE TOP AND BASE TO HAVE A SMALL MITER

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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

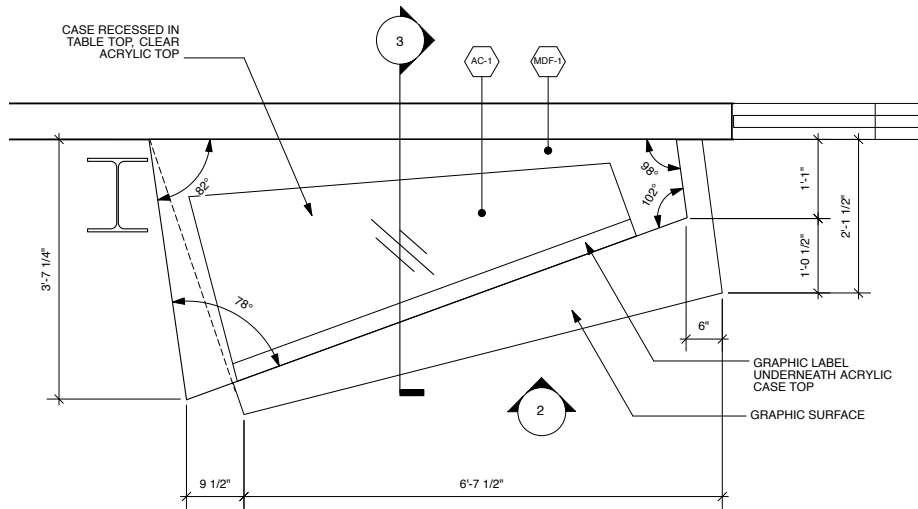
No. / Issue Name / Date

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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

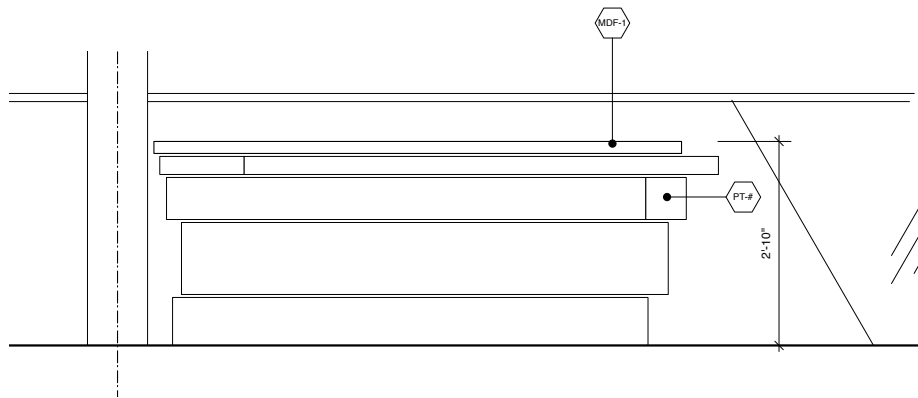
No. / Issue Name / Date

Sheet Title	Level 3 Details: The Land Observatory - LD4.E10.tt01
Date	Dec. 19, 2008
Scale*	1"=1'-0"
Project No.	0275
Sheet No.	X3-LD-3.40

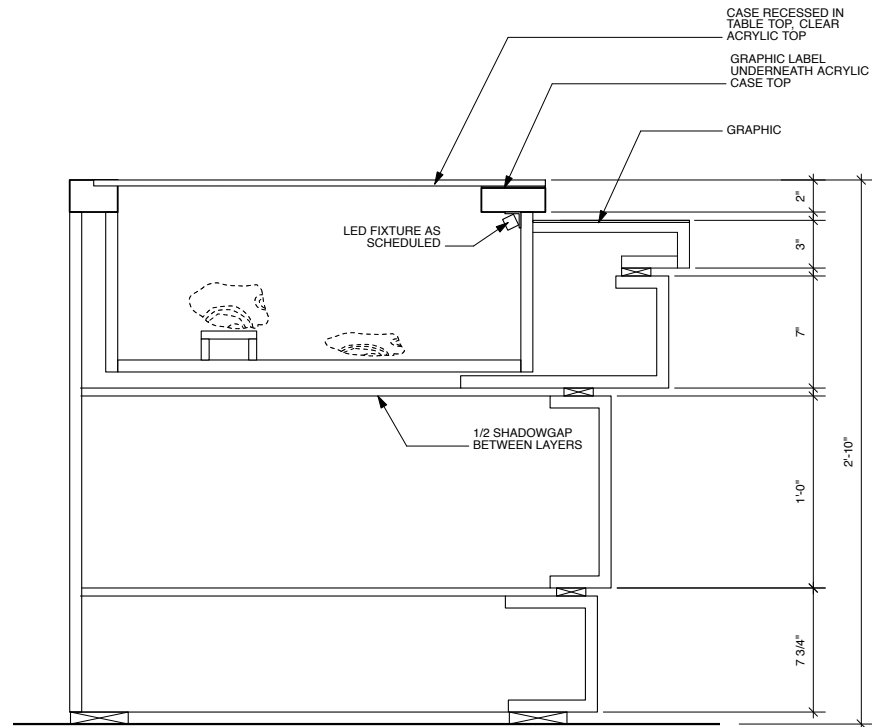
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 PLAN: UTAH'S CAMBRIAN
SCALE: 3/4"= 1'-0"



2 ELEVATION
SCALE: 3/4"= 1'-0"



3 DETAIL SECTION
SCALE: 3/4"= 1'-0"

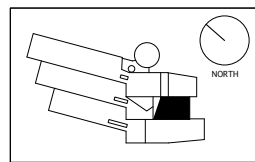
NOTES:
1. ALL CORNERS ON TABLE TOP AND BASE TO HAVE A SMALL MITER

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Exhibit Construction



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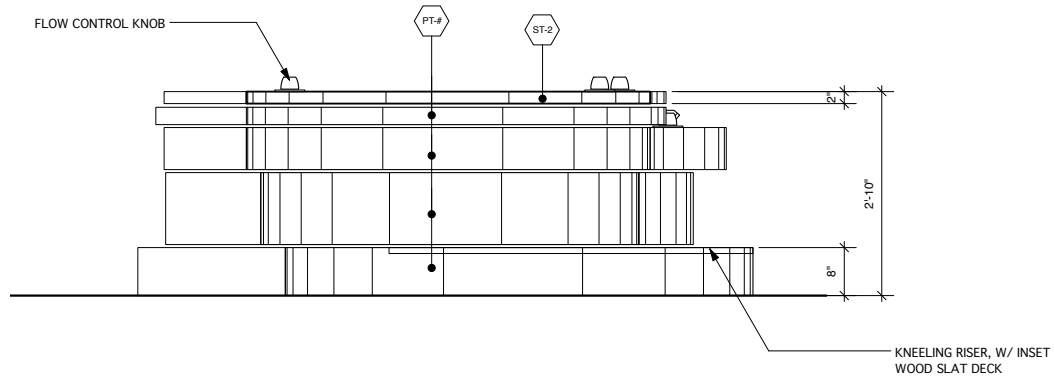
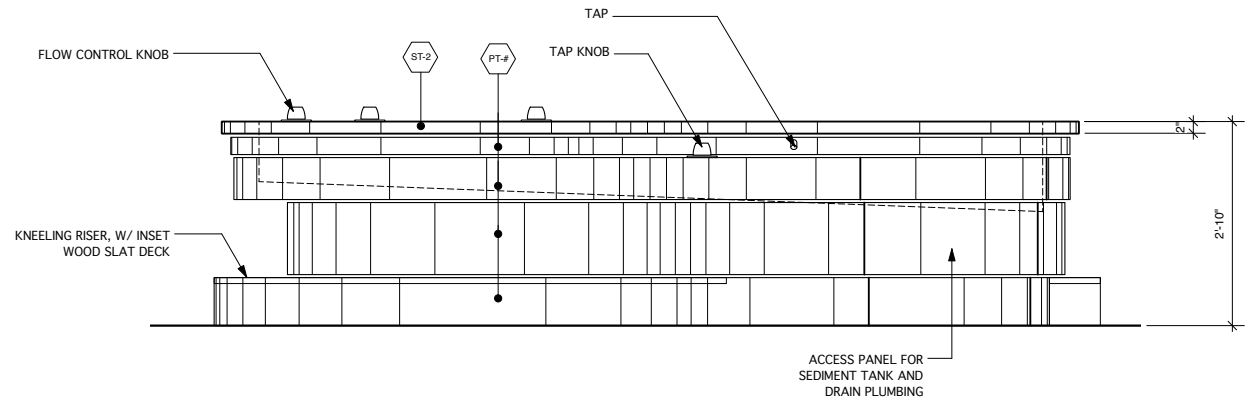
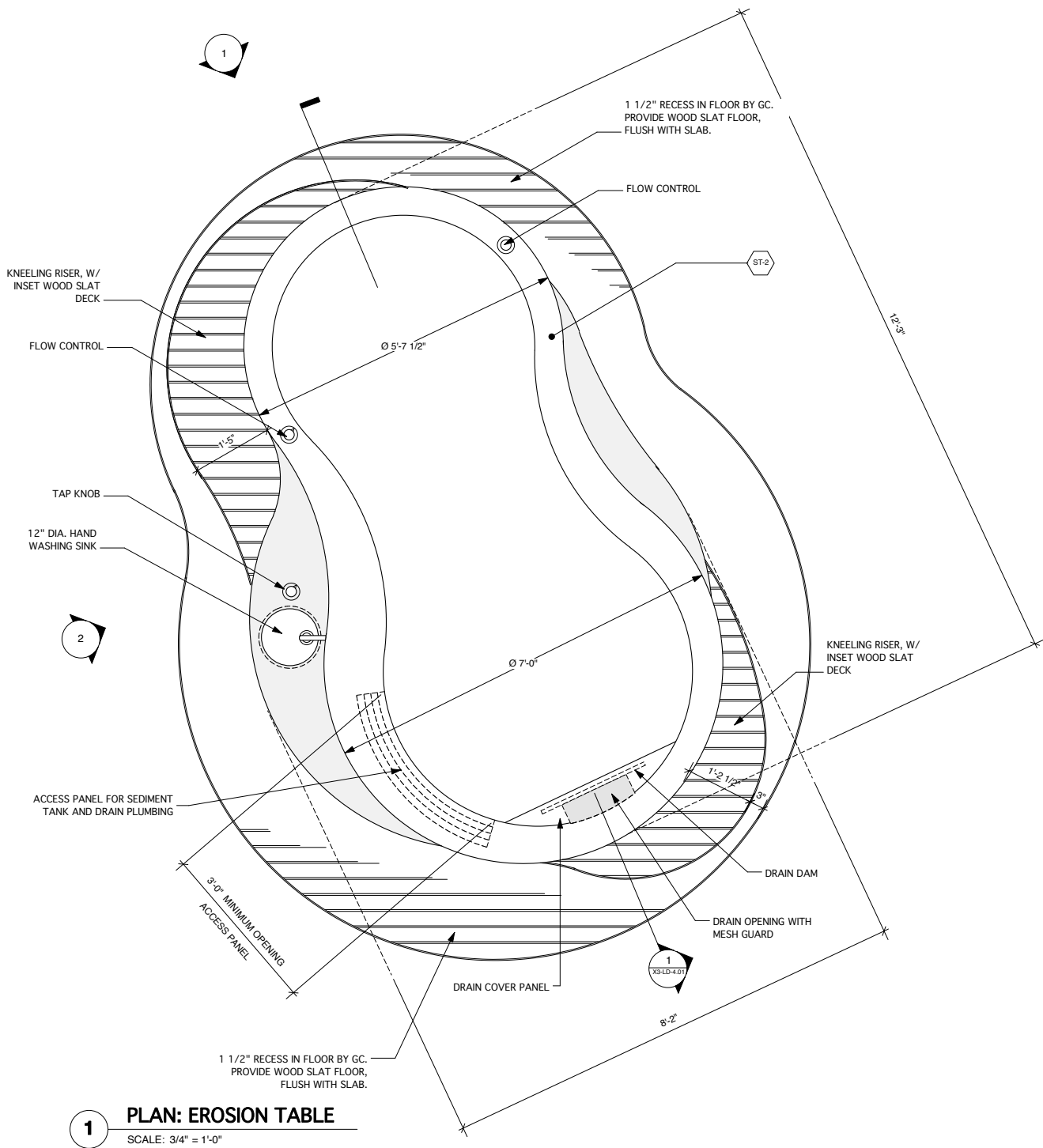
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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title Level 3 Details: The Land Observatory - LD4.E07	
Date Dec. 19, 2008	Project No. 0275
Scale* 1"=1'-0"	Sheet No. X3-LD-3.50

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



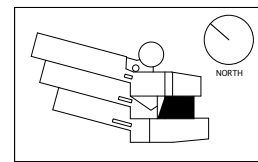
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Electrical/AV Engineer	Landscape Architect	Lighting
Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.

Audio Visual	Exhibition Planner and Designer
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FD WS3	Oct.16, 2008

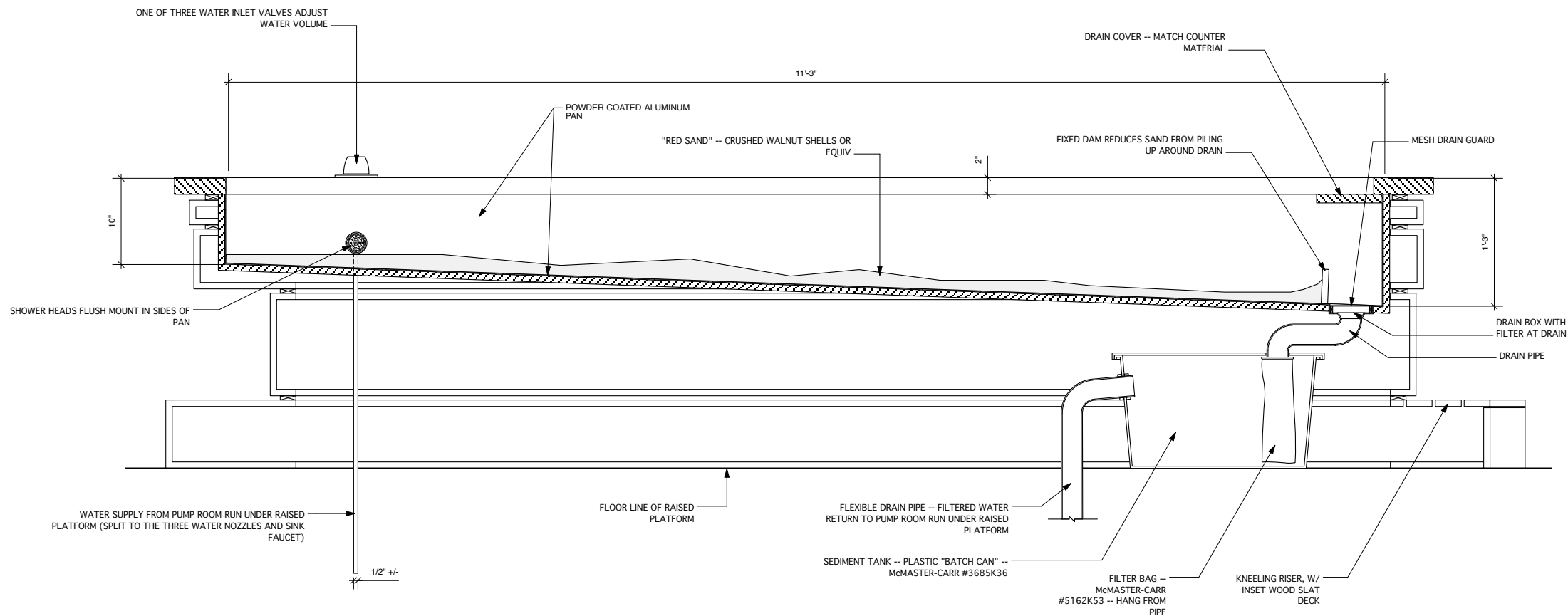
No. / Issue Name / Date

Sheet Title
**Level 3 Details:
The Land Observatory - LD3.E01**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
varies	

X3-LD-4.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 **DETAIL SECTION**

SCALE: 1-1/2" = 1'-0"

SYSTEM CRITERIA AND NOTES:

WATER SUPPLY AND RETURN ARE ROUTED UNDER PLATFORM FLOOR TO AND FROM PUMP LOCATED IN A PUMP CLOSET

RETURN WATER TO BE COMPLETELY FREE OF GRIT -- EXHIBIT FABRICATOR TO ENGINEER DRAINAGE AND FILTER SYSTEM TO COMPLY

PUMP CLOSET: PUMP SHOULD BE SUFFICIENT TO PRODUCE 15-20 GPM -- SUPPLY LINE SHOULD HAVE UV TREATMENT DEVICE IN LINE

MECHANICAL AND WATER HANDLING IDEAS SHOWN ARE CONCEPTUAL ONLY -- EXHIBIT FABRICATOR TO ENGINEER PUMPING AND FILTRATION SYSTEM AND DETERMINE THE OPTIMUM EQUIPMENT FOR USE IN THE SYSTEM

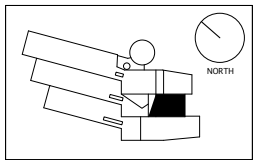
INTERACTIVE TO BE ENGINEERED FOR RELIABLE OPERATION AS INTENDED AND FOR A FUNCTIONAL LIFE SPAN OF 15 YEARS

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Exhibit Construction



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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 3 Detail Section:
The Land Observatory - LD3.E01**

Date

Dec. 19, 2008

Scale*

varies

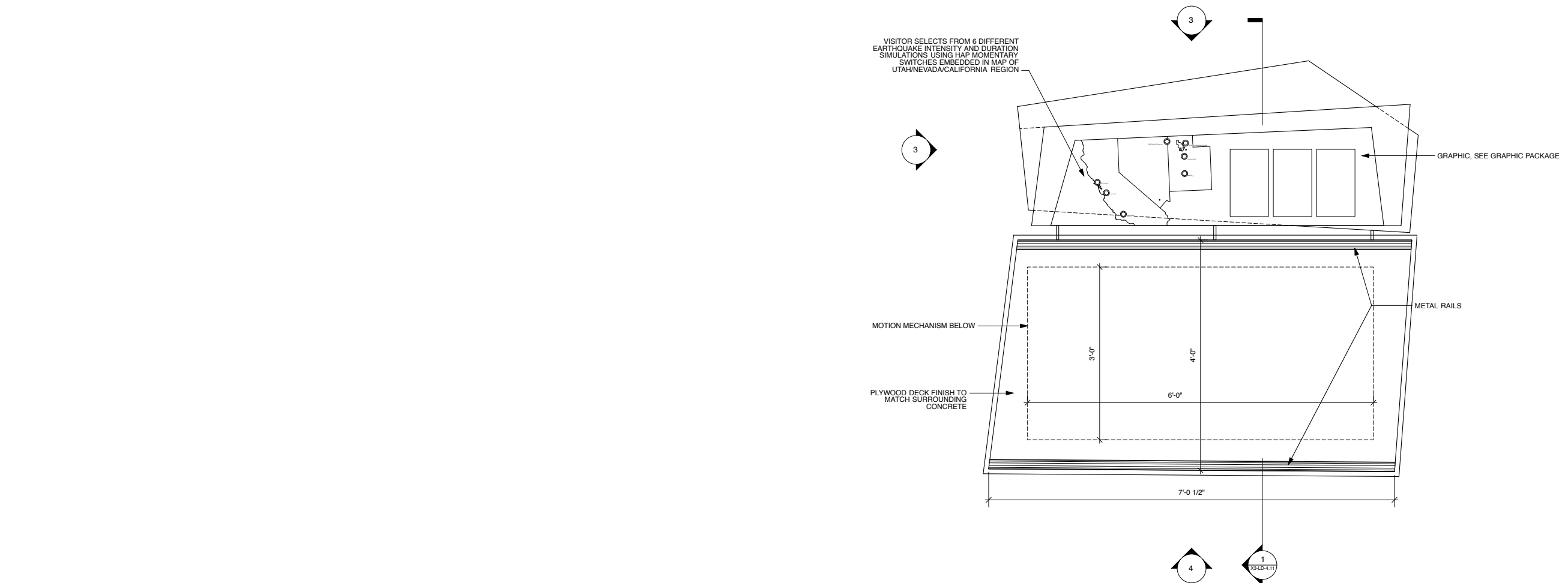
Project No.

0275

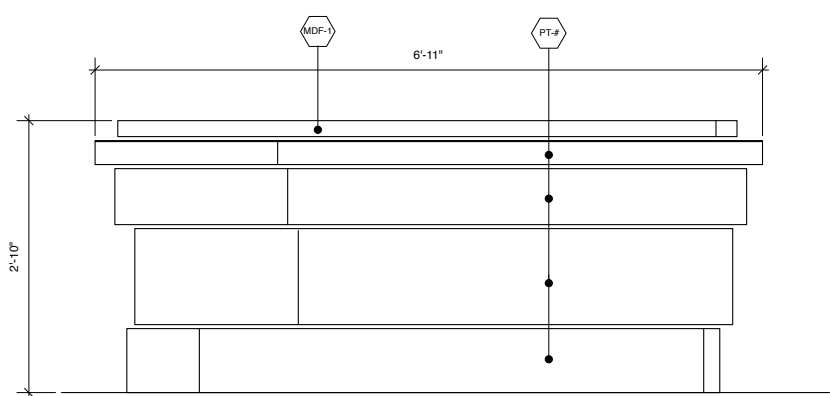
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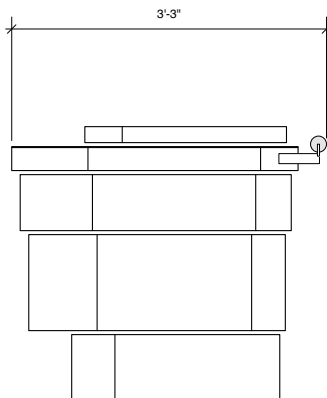
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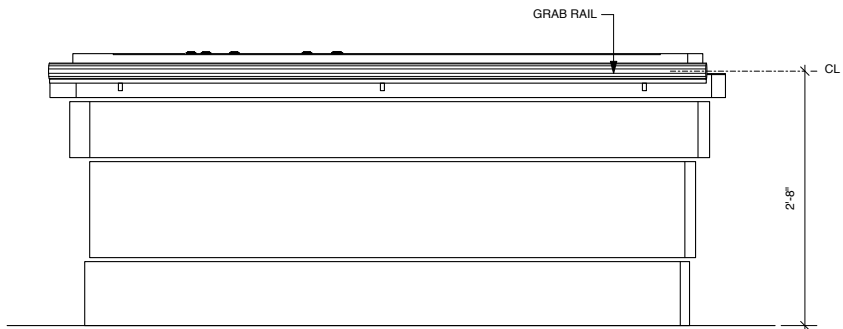
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2 ELEVATION
SCALE: 1" = 1'-0"



3 ELEVATION
SCALE: 1" = 1'-0"



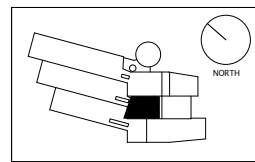
4 ELEVATION
SCALE: 1" = 1'-0"

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Exhibit Construction



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No. / Issue Name / Date

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FD WS3	Oct.16, 2008

No. / Issue Name / Date

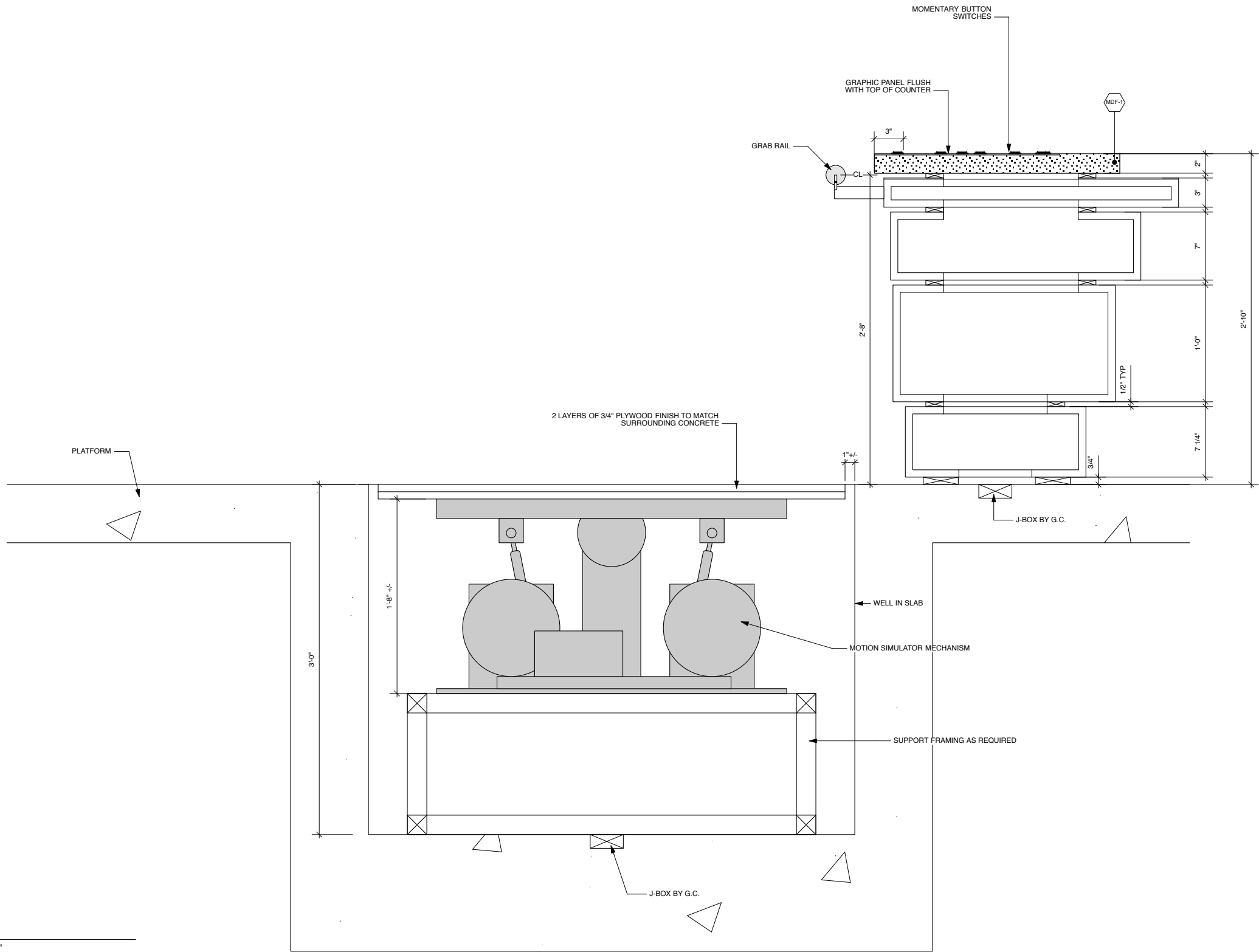
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Level 3 Details: Shake Platform
The Land Observatory

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
varies	

X3-LD-4.10

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 SECTION
SCALE: 2" = 1'-0"

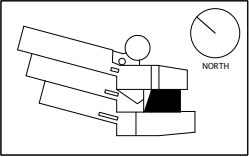
NOTE: MECHANICAL IDEAS SHOWN ARE INTENDED AS CONCEPTUAL ONLY -- EXHIBIT FABRICATOR TO ENGINEER INTERACTIVE FOR SMOOTH OPERATION AS INTENDED AND FOR A FUNCTIONAL LIFE SPAN OF 15 YEARS

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No. / Issue Name / Date

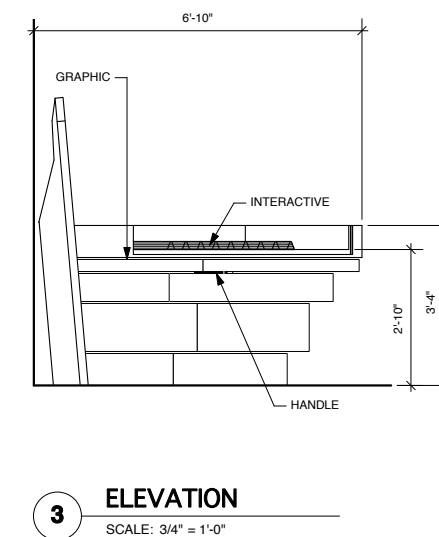
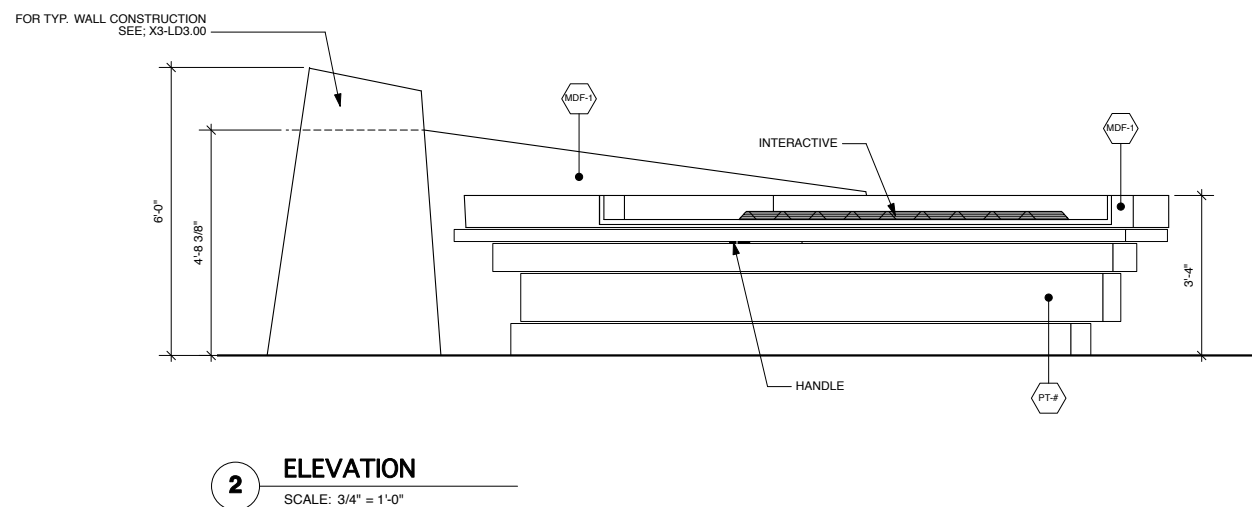
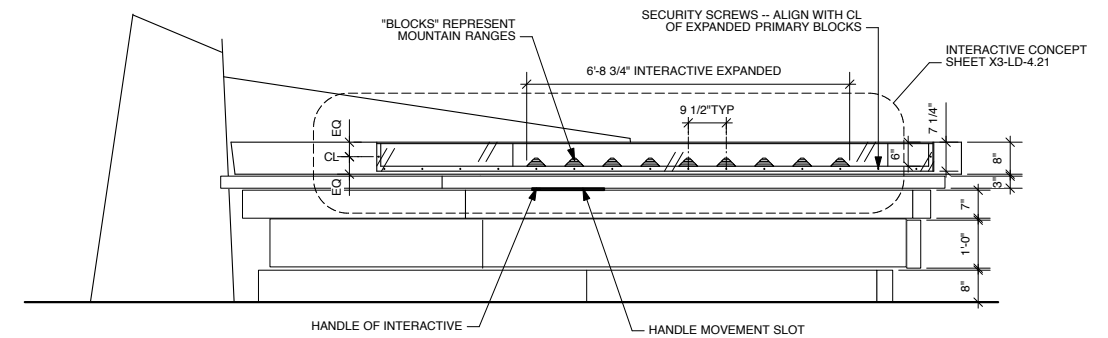
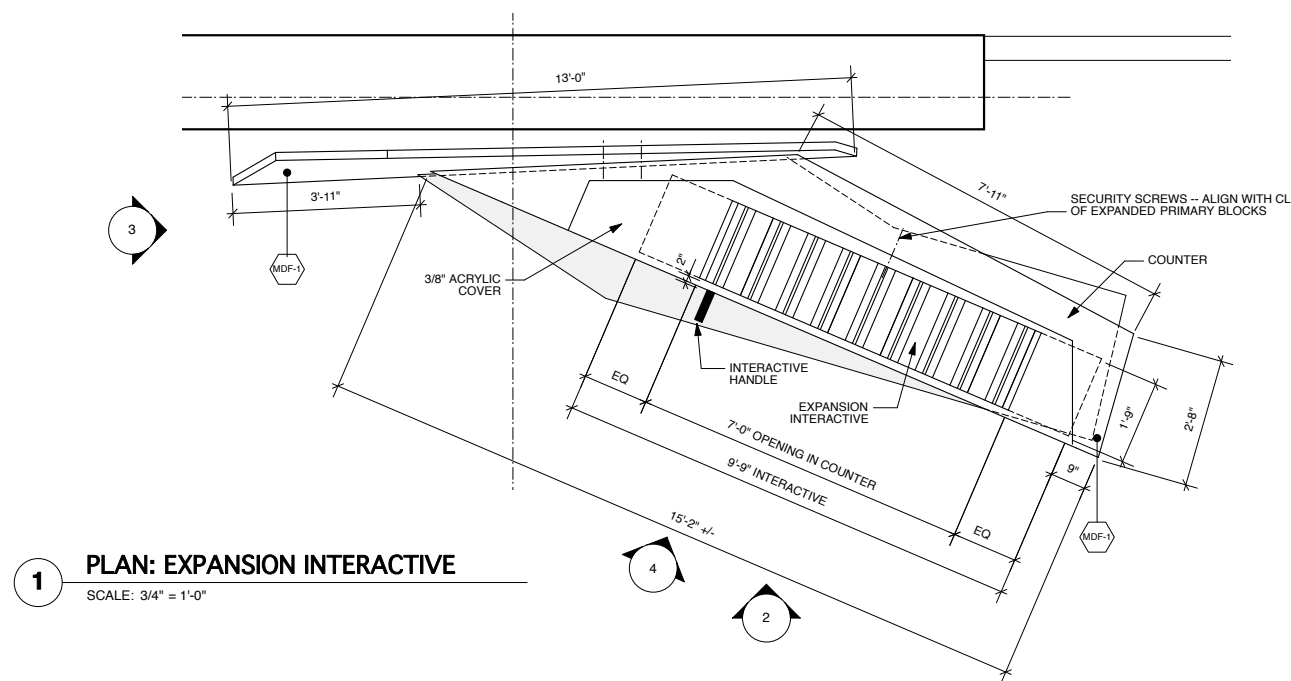
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 3 Detail Section: Shake Platform
The Land Observatory**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
varies	X3-LD-4.11

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



NOTES:
1. ALL CORNERS ON TABLE TOP AND BASE TO HAVE MITERED EDGES.

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Owner

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1390 East President's Circle
Salt Lake City, Utah 84112
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Design Architect

Polshek Partnership Architects LLP
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New York, New York
212.807.7171 tel.

Architect of Record

Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer

Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer

Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel

Electrical/AV Engineer

Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel

Landscape Architect

Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting

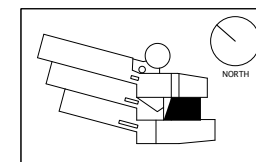
Branston Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual

BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415 685 9555 tel.

Exhibition Planner and Designer

Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
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80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title

Level 3 Details:
The Land Observatory - LD4.E06

Date _____

Dec. 19, 2008

Scale*

varies

Project No. _____

0275

Sheet No. _____

X3-LD-4.20

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



Diagram illustrating the expansion mechanism for the interactive structure. The diagram shows a series of blocks (Primary and Secondary) supported by carriages that slide along tracks. The mechanism allows for expansion and contraction of the structure.

Key components and labels:

- PRIMARY BLOCKS REMAIN AT CONSISTENT HEIGHT AS INTERACTIVE IS OPERATED**
- SECONDARY BLOCKS MOVE DOWN AS PRIMARY ROCKS MOVE APART**
- 7'-0"** (Overall length of the expansion zone)
- 6'-8 3/4"** (Length of the expansion zone cover panels)
- CENTER BLOCK IS FIXED - EXPANSION OCCURS TO THE LEFT AND RIGHT OF IT**
- 2** (Number of expansion zones)
- PULLING LEVER TO LEFT SEPARATES BLOCKS**
- BOTH PRIMARY AND SECONDARY BLOCKS ARE SUPPORTED BY CARRIAGES THAT SLIDE ALONG TRACKS**
- TRACKS**
- SECONDARY BLOCKS ARE SUPPORTED BY POSTS WHICH ARE RAISED AND LOWERED BY MECHANISMS WITHIN THEIR CARRIAGES**
- PRIMARY BLOCKS ARE SUPPORTED BY FIXED POSTS ATTACHED TO THEIR CARRIAGES**
- EXPANSION ZONE COVER PANELS SLIDE IN TRACKS UNDER COUNTER WHEN EXPANDED**
- SISSOR MECHANISM TRANSMITS EXPANSION MOVEMENT CONSISTENTLY THROUGHOUT THE INTERACTIVE**

Technical drawing of a secondary block assembly. The drawing shows a cross-section of the assembly with various components labeled and dimensions provided.

Labels:

- SECONDARY BLOCK
- PRIMARY BLOCK (BEHIND)
- SIZZOR MECHANISM
- SECONDARY BLOCK CARRIAGE
- SECONDARY BLOCK SUPPORT POSTS
- MECHANISM FOR UP AND DOWN MOVEMENT OF SECONDARY BLOCKS
- TRACKS

Dimensions:

- Overall width: 1'-9"
- Offset from right edge: 1 3/4"
- Height of secondary block: 6"
- Overall height: 10" +/-
- Height of carriage: 7 1/4"
- Offset from left edge: 3/4"
- Offset from carriage: 1 1/4"

SCALE: 1/2" = 1'-0"



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SCALE: 1-1/2" = 1'-0"

Exhibit Construction

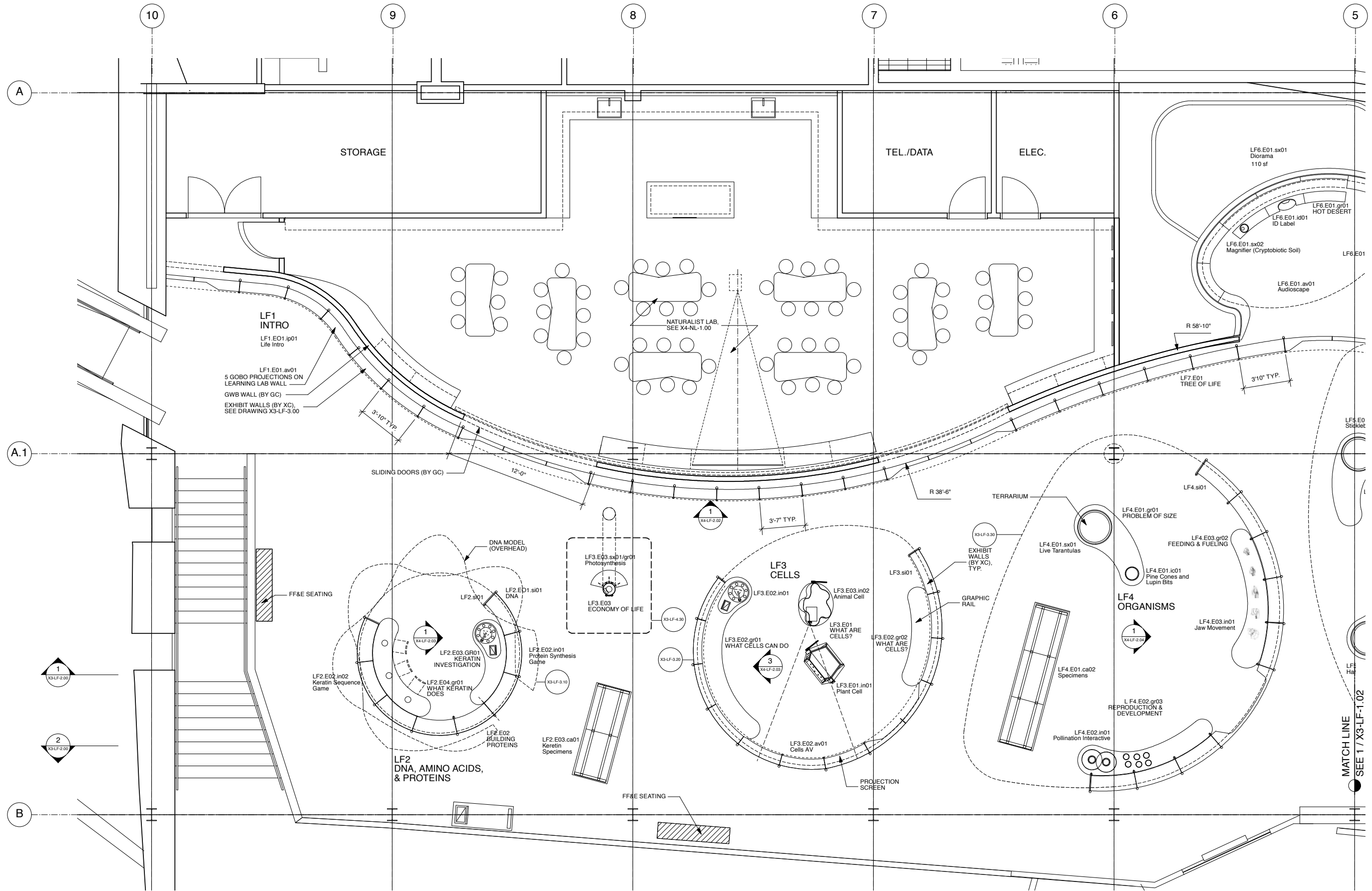
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FD WS3	Oct.16, 2008

varies

X3-LD-4.21

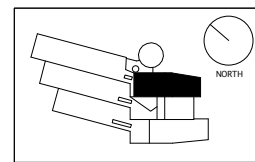
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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 4 Partial Plan:
Life**

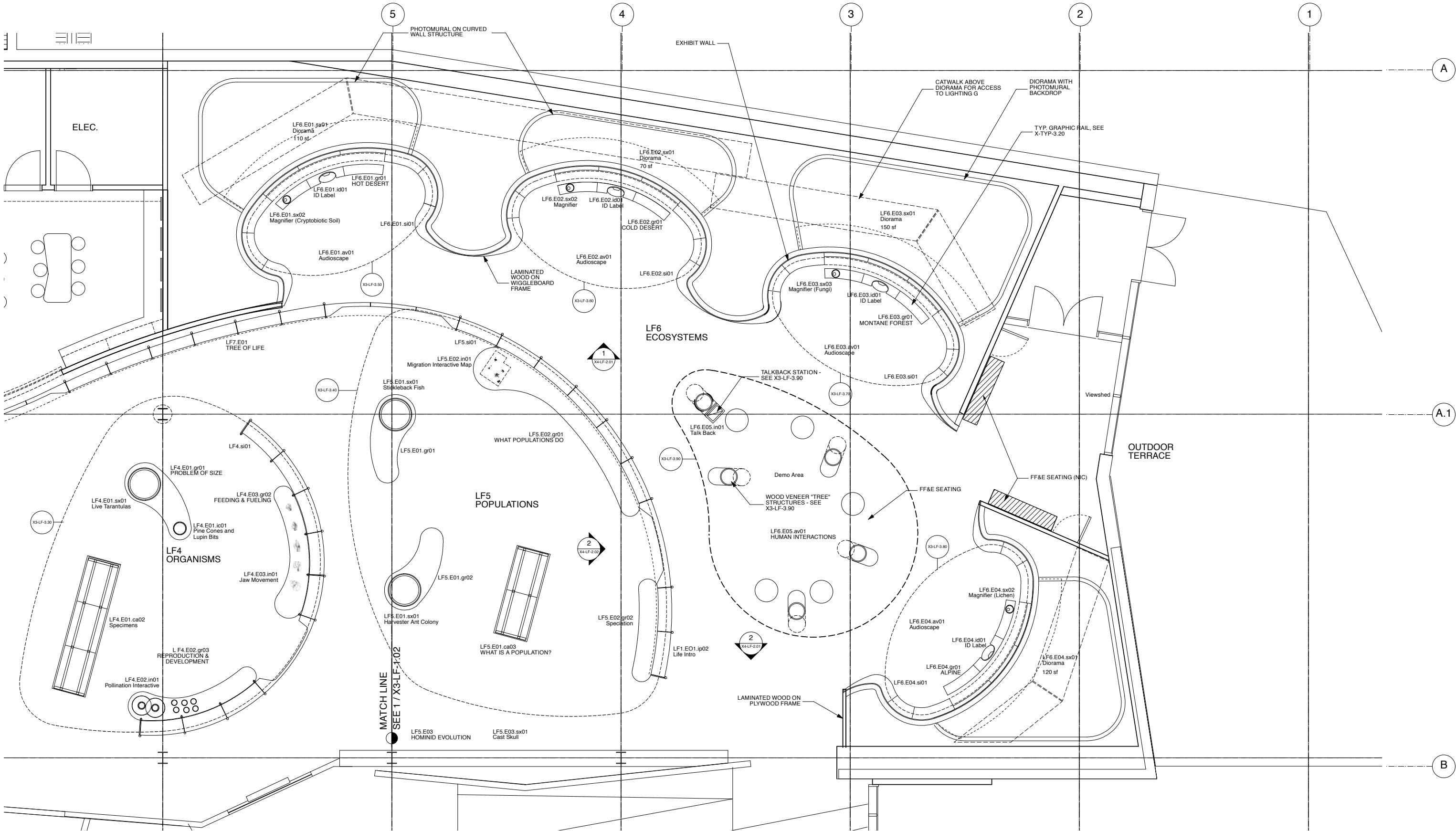
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Project No.
0275

Sheet No.

X4-LF-1.00

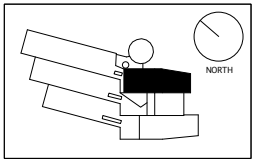
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



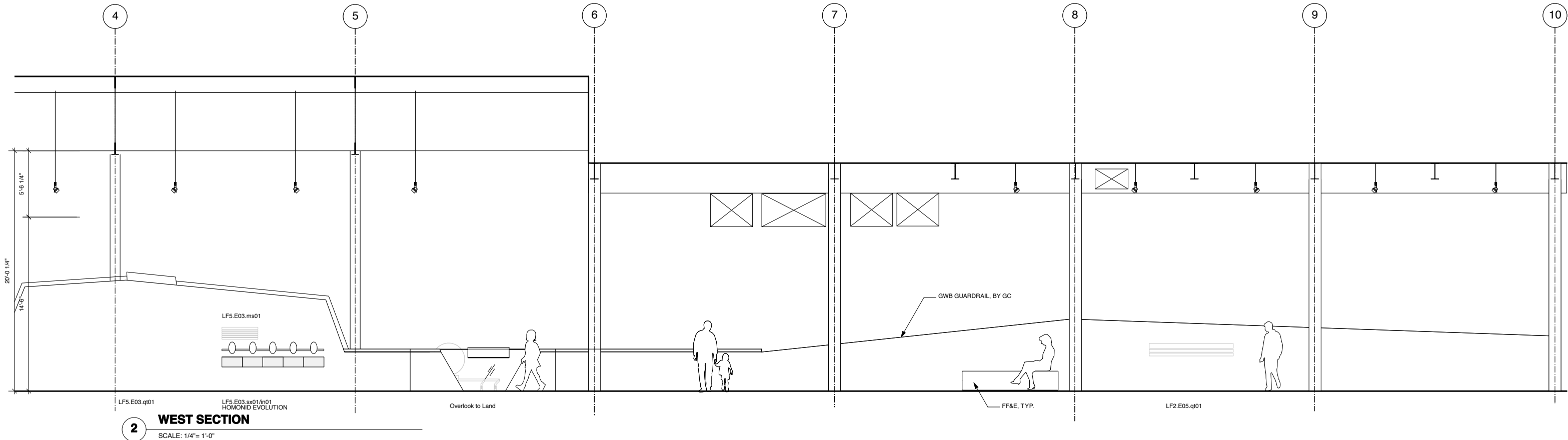
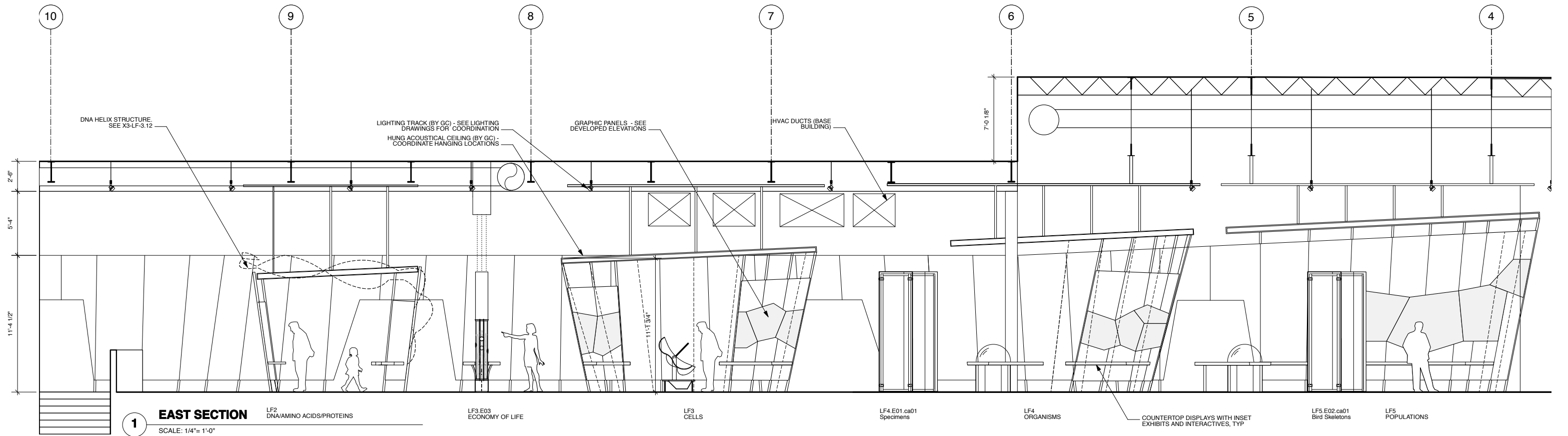
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FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

Sheet Title	Level 4 Partial Plan: Life
Date	Dec. 19, 2008
Scale*	1/4"=1'-0"
Project No.	0275
Sheet No.	X4-LF-1.10

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 175 South Main Street Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

Owner

UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Design Architect

Polshek Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Architect of Record

Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer

Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer

Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel.

Electrical/AV Engineer

Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel.

Landscape Architect

Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting

Branton Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual

BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415.685.9555 tel.

Exhibition Planner and Designer

Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.

Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title

Sections & Elevations
Life Observatory

Date

Dec. 19, 2008

Scale*

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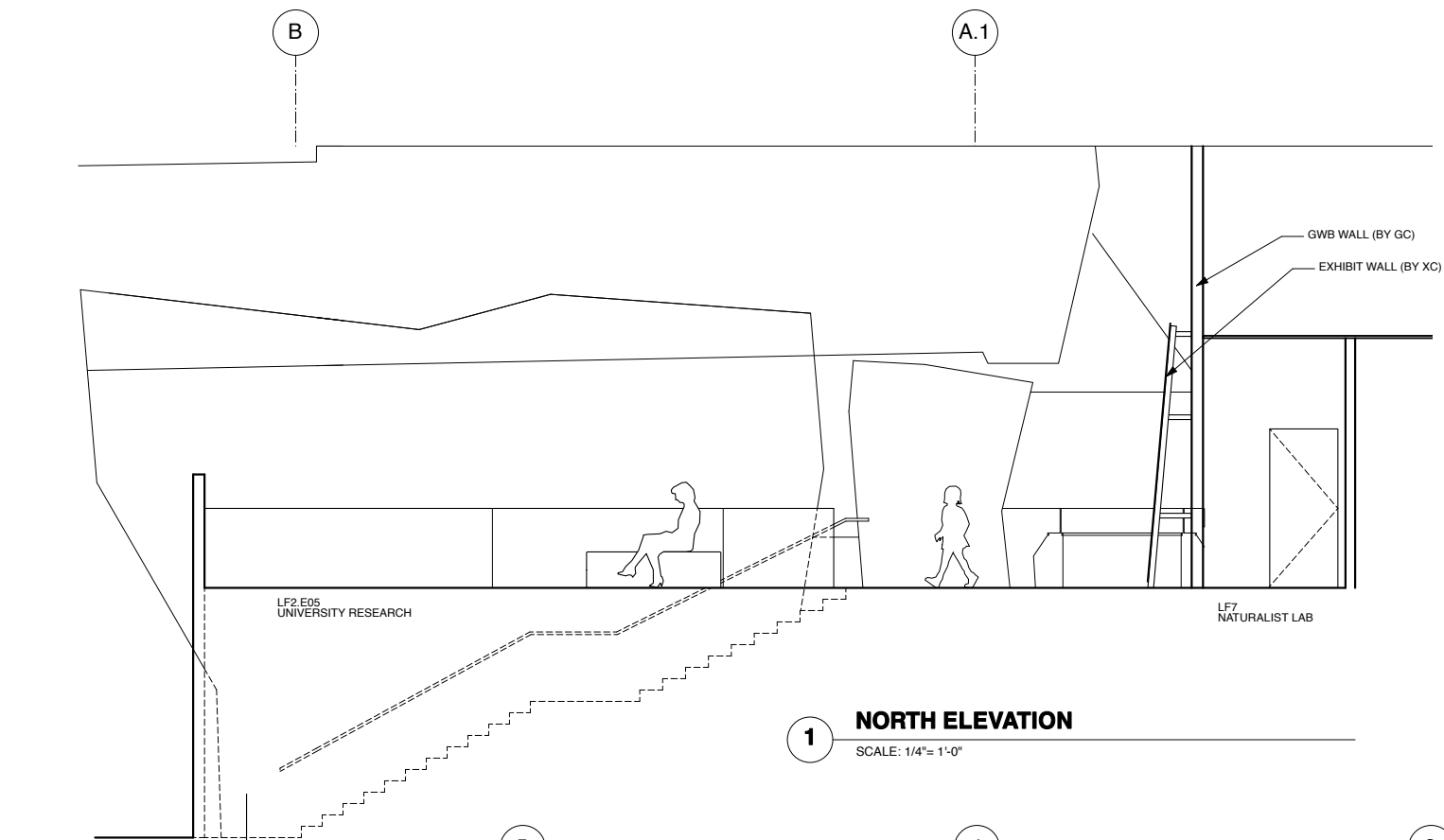
Project No.

0275

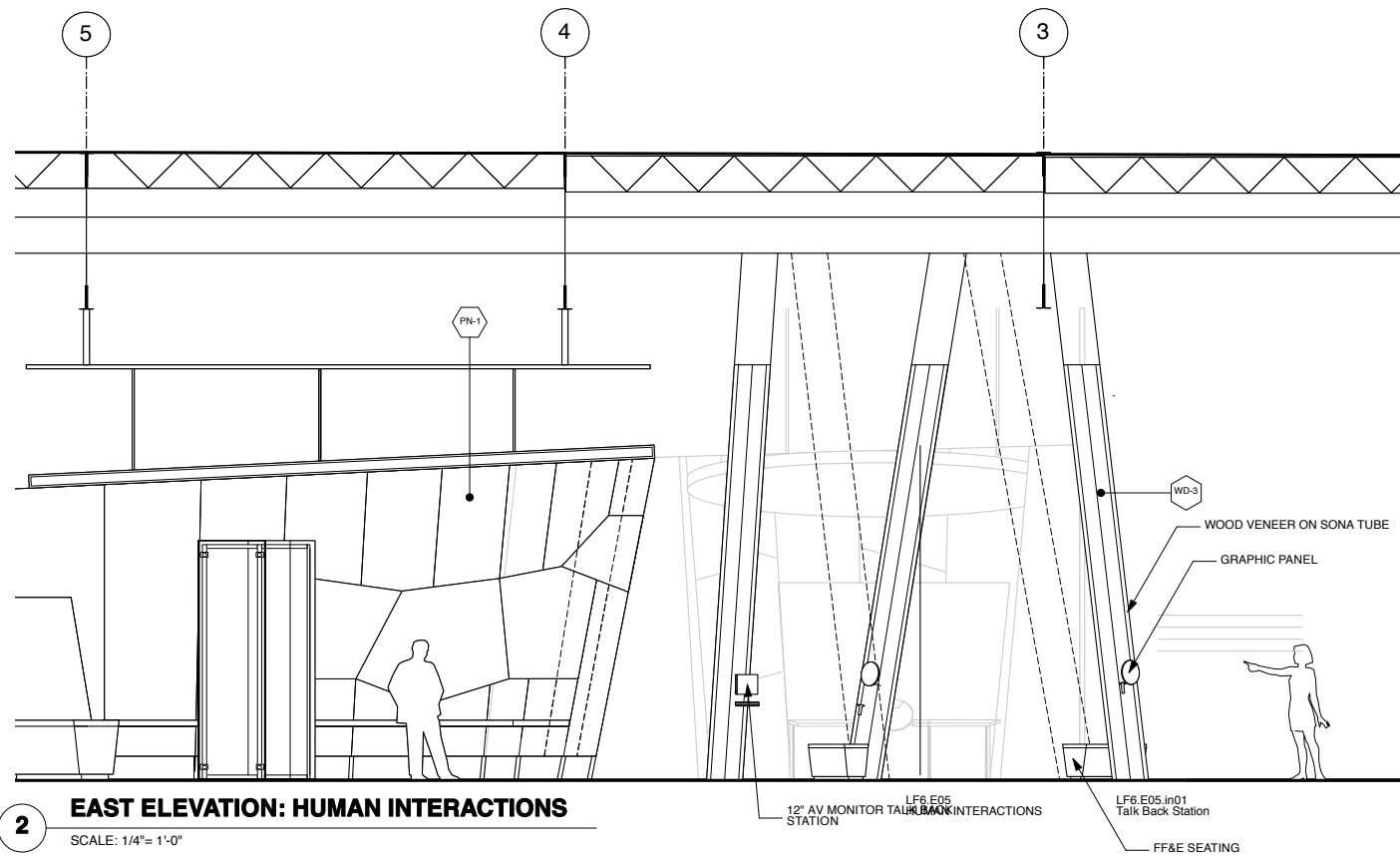
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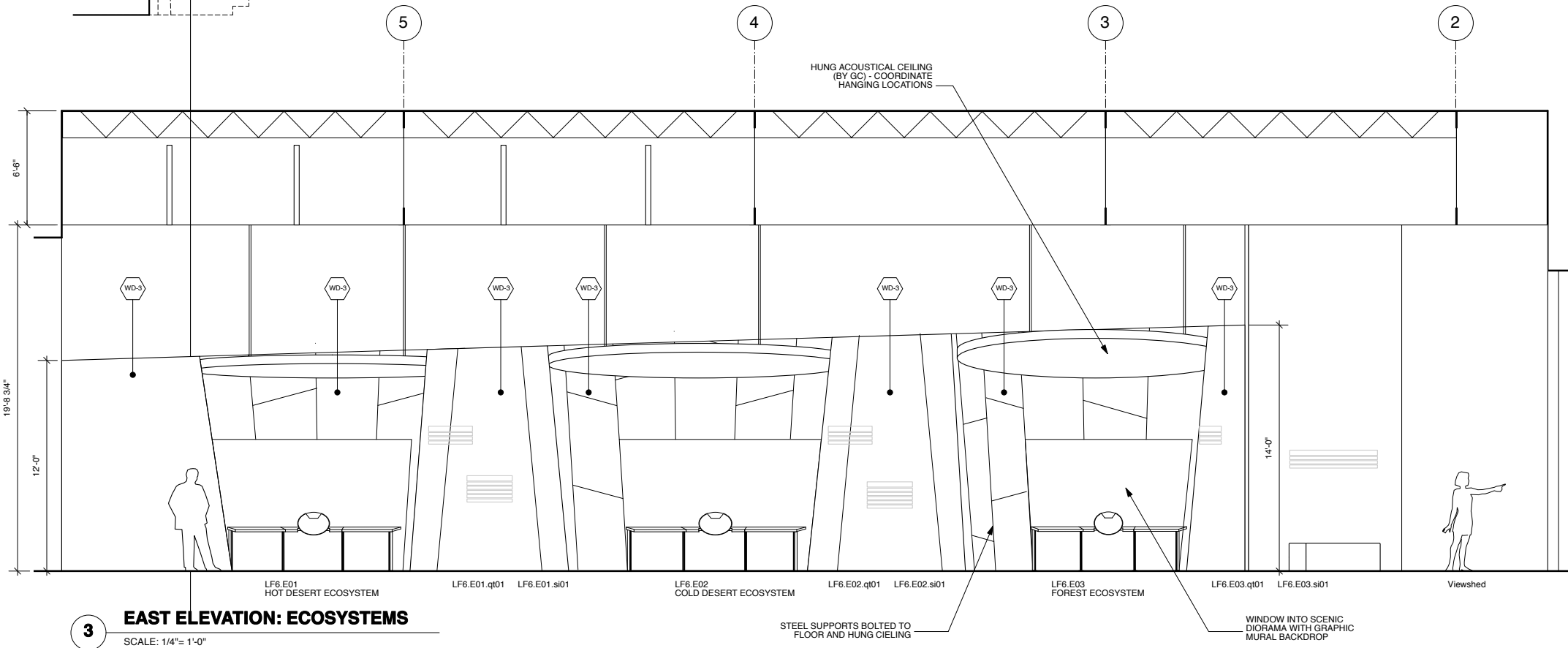
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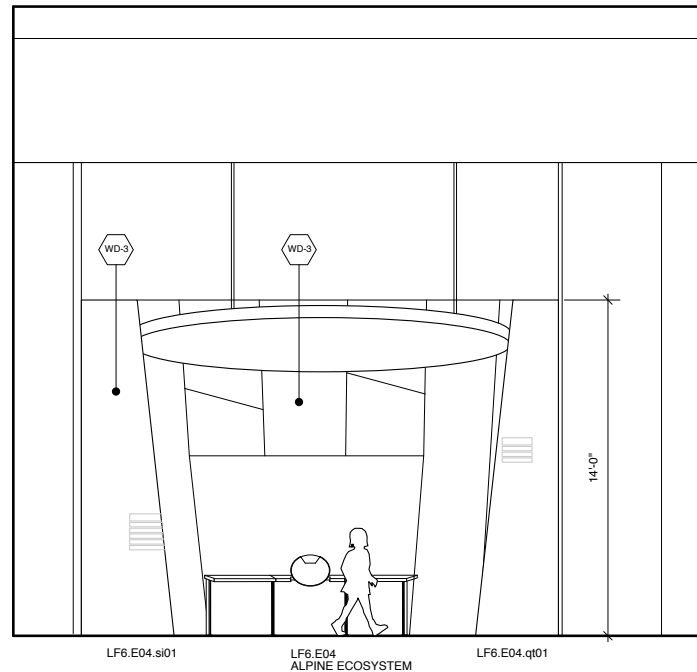
1 NORTH ELEVATION
SCALE: 1/4"= 1'-0"



2 EAST ELEVATION: HUMAN INTERACTIONS
SCALE: 1/4"= 1'-0"



3 EAST ELEVATION: ECOSYSTEMS
SCALE: 1/4"= 1'-0"

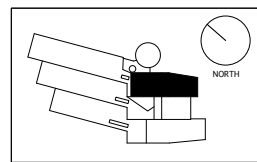


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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

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UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branson Partnership 122 West 26th Street New York, New York 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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WS6	July 11, 2007
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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Sections & Elevations
Life Observatory

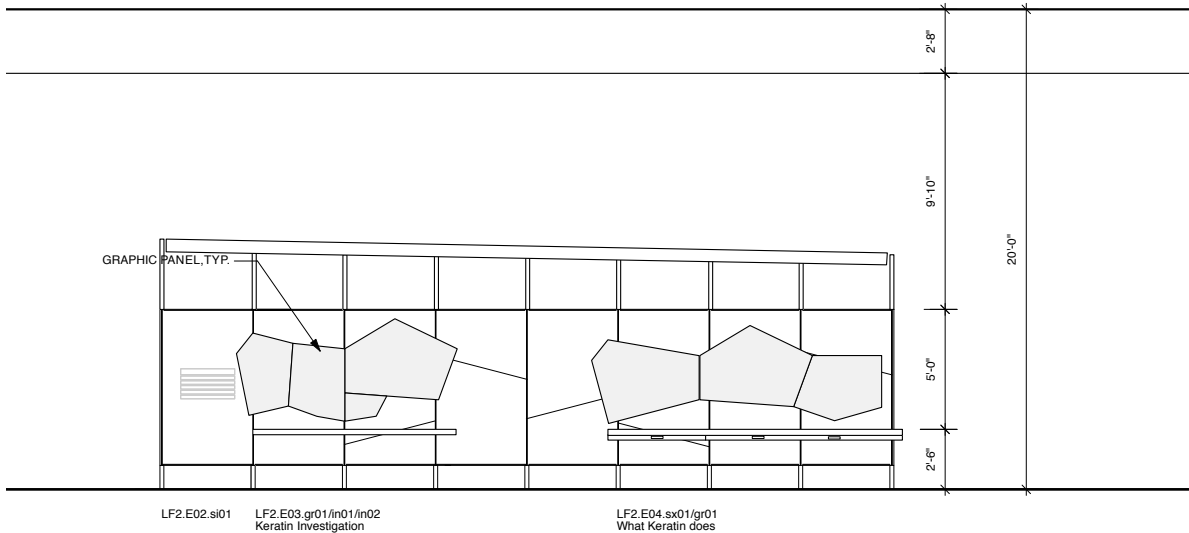
Date
Dec. 19, 2008

Scale*
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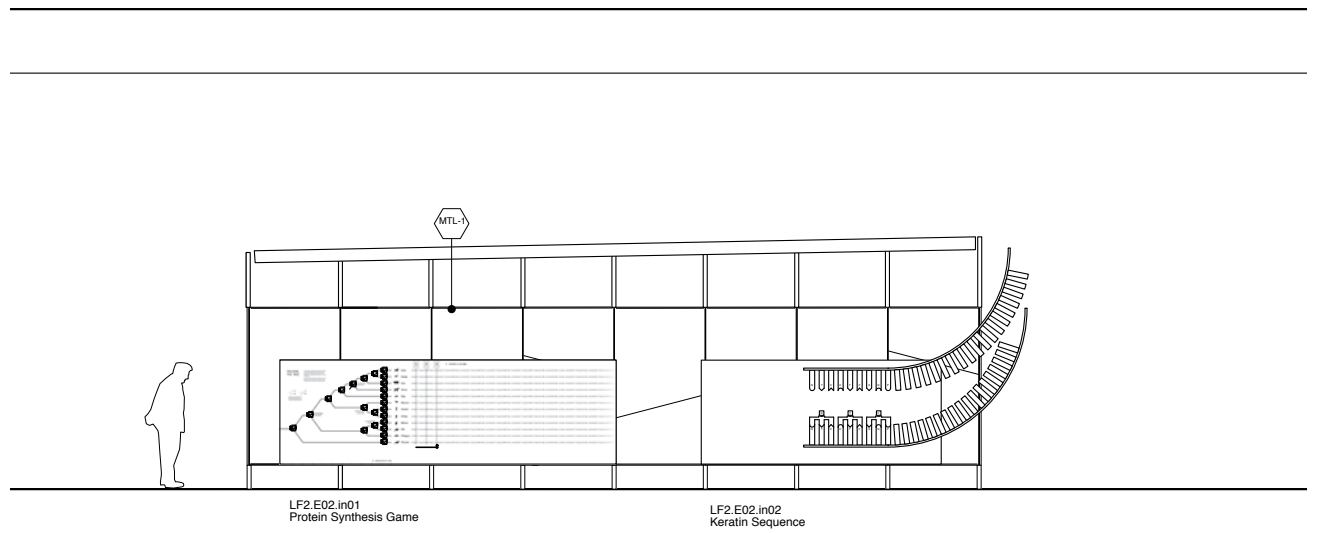
Project No.
0275

Sheet No.
X4-LF-2.01

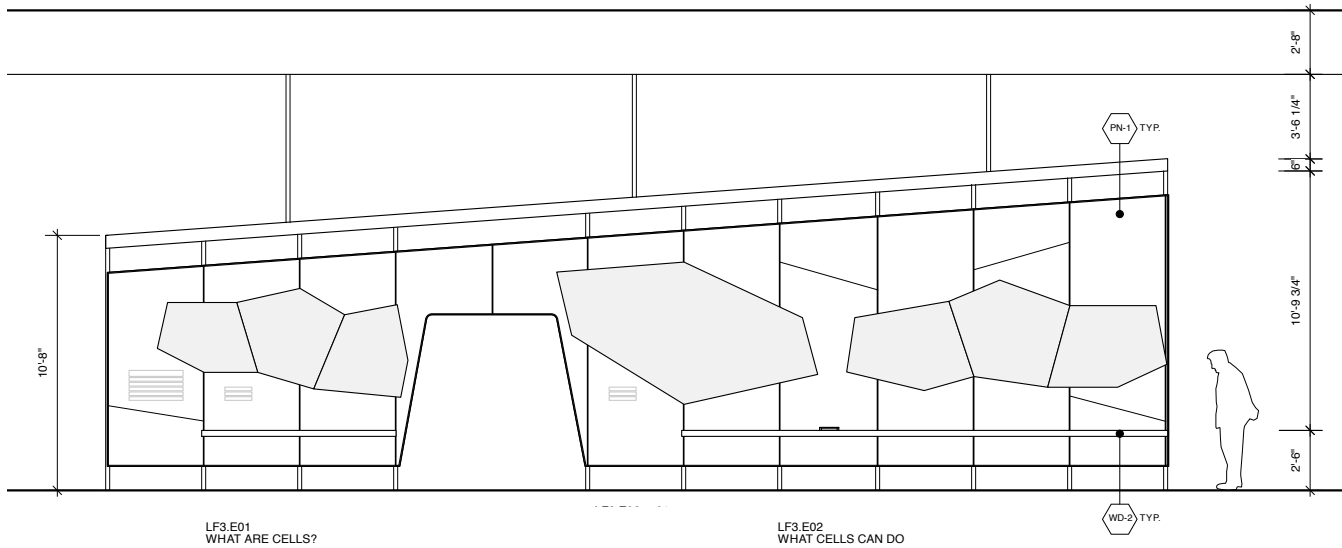
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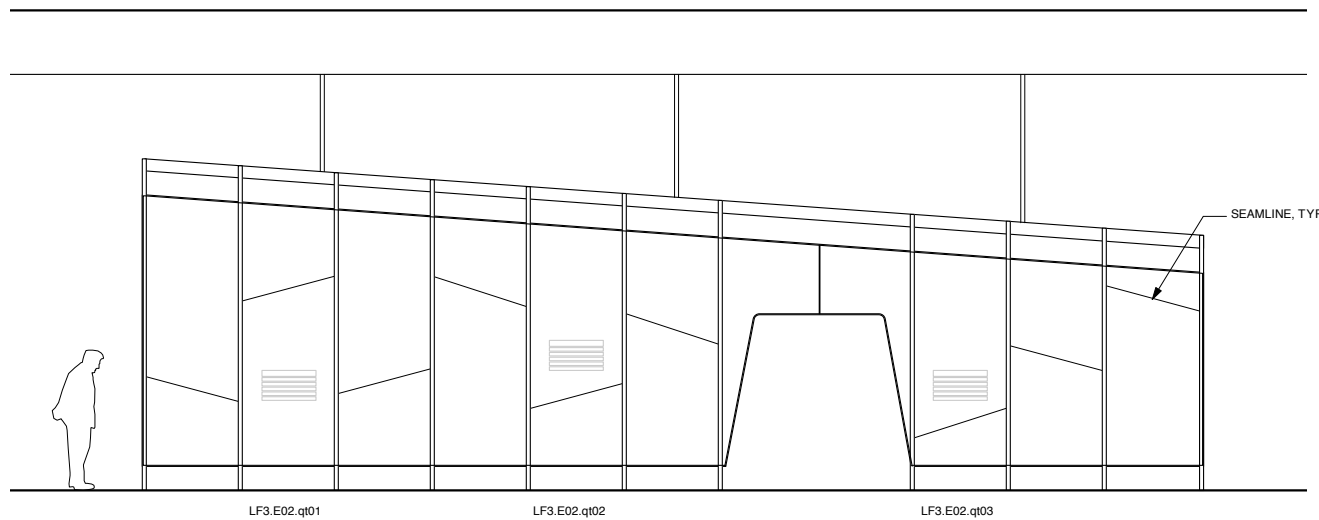
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SCALE: 1/4"= 1'-0"



2 DEVELOPED ELEVATION: DNA/AA/PROTEINS (BACK)
SCALE: 1/4"= 1'-0"



3 DEVELOPED ELEVATION: CELLS (FRONT)
SCALE: 1/4"= 1'-0"

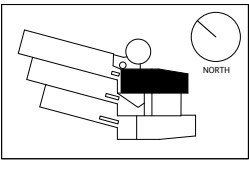


4 DEVELOPED ELEVATION: CELLS (BACK)
SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Design Architect Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Architect of Record Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Structural Engineer Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Mechanical/Plumbing/FP Engineer Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Electrical/AV Engineer Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Landscape Architect Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Lighting Branson Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	Audio Visual BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Exhibition Planner and Designer Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.
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Key Plan

FD WS2rev	Sept.22, 2008
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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Developed Elevations
Life Observatory

Date
Dec. 19, 2008

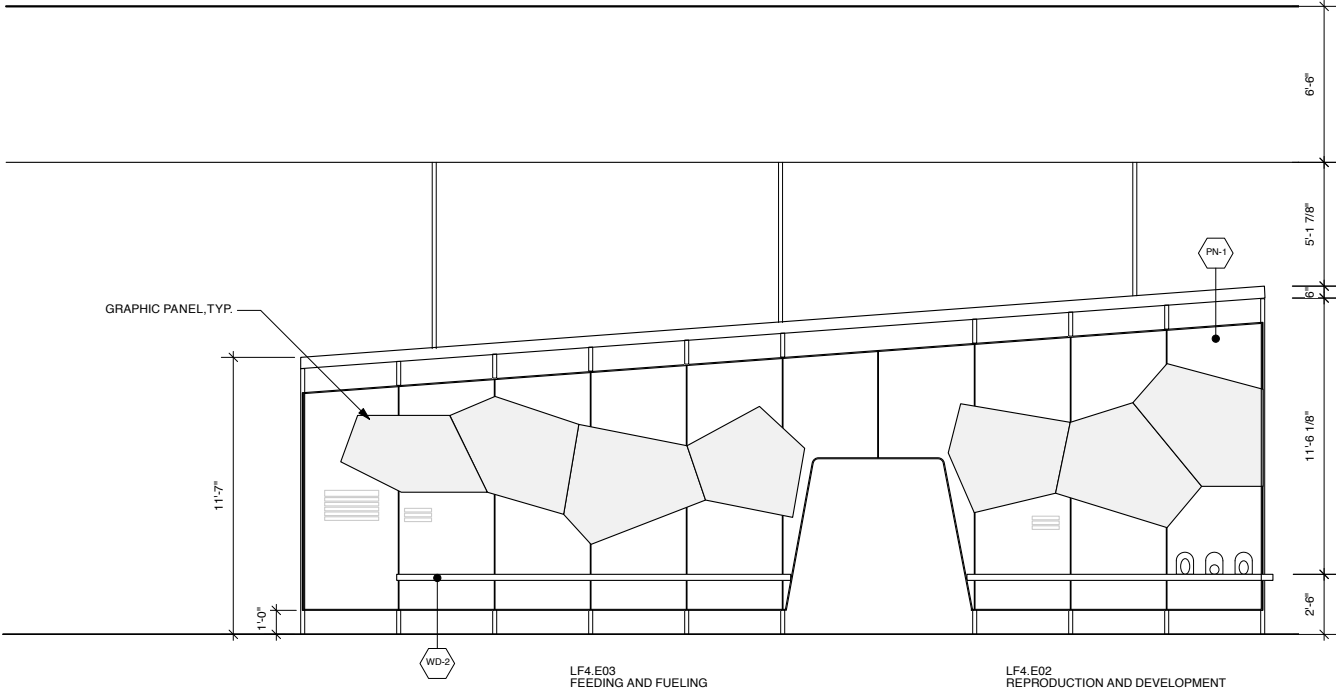
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Project No.
0275

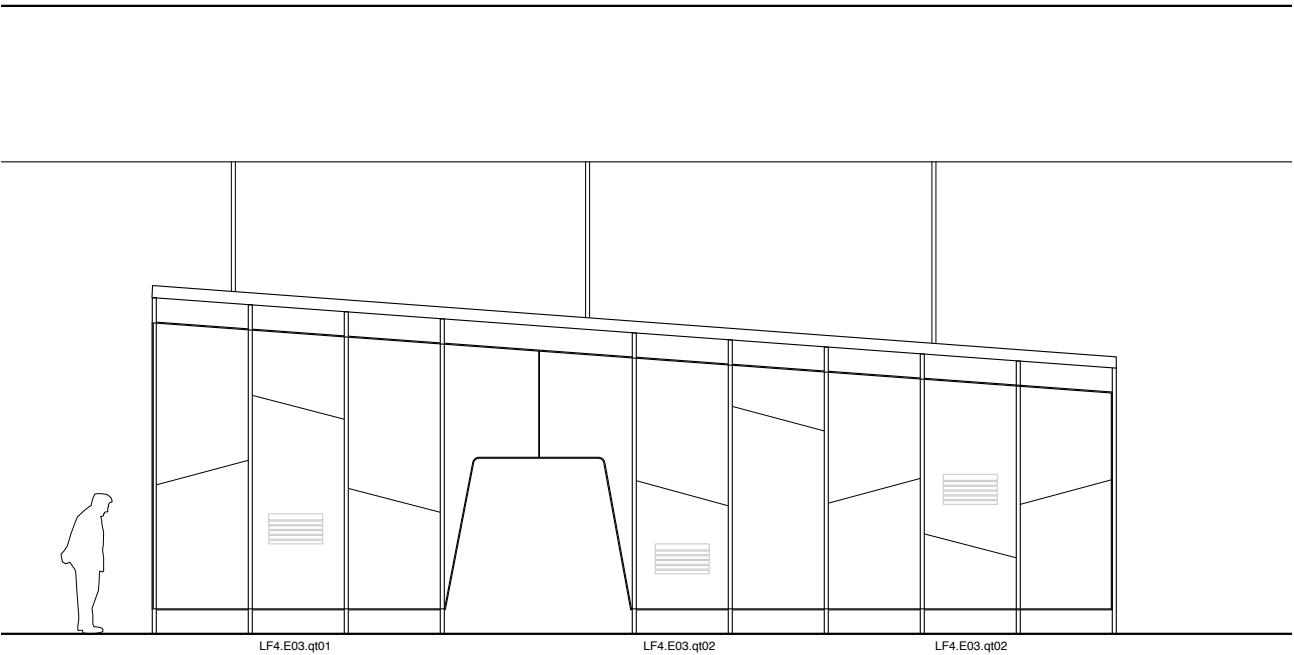
Sheet No.

X4-LF-2.03

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 DEVELOPED ELEVATION: ORGANISMS (FRONT)
SCALE: 1/4"= 1'-0"



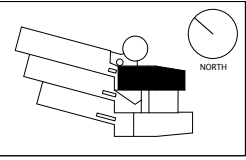
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SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Design Architect Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Architect of Record Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Structural Engineer Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Mechanical/Plumbing/FP Engineer Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Electrical/AV Engineer Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Landscape Architect Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Lighting Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	Audio Visual BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Exhibition Planner and Designer Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.
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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title Developed Elevations Life Observatory

Date
Dec. 19, 2008

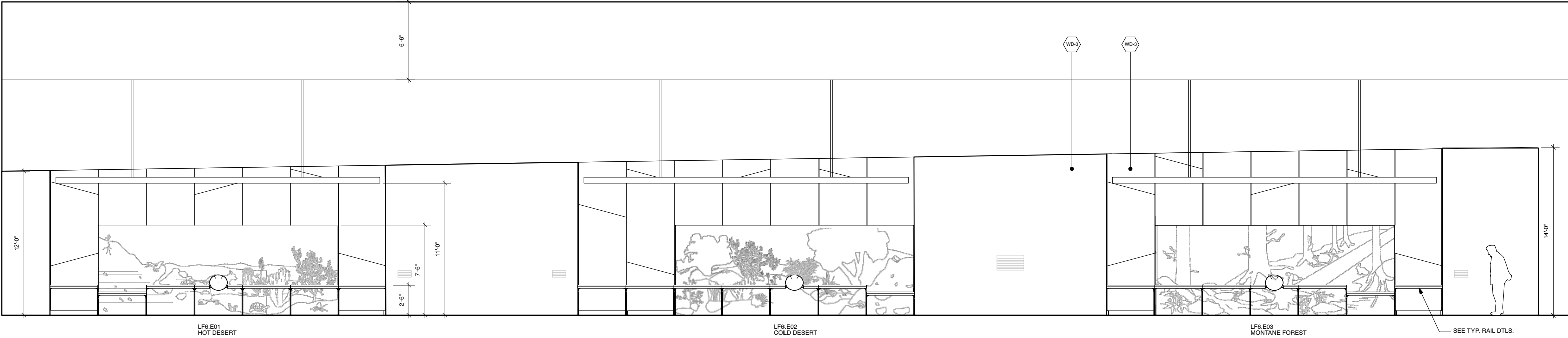
Project No.
0275

Scale*
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Sheet No.

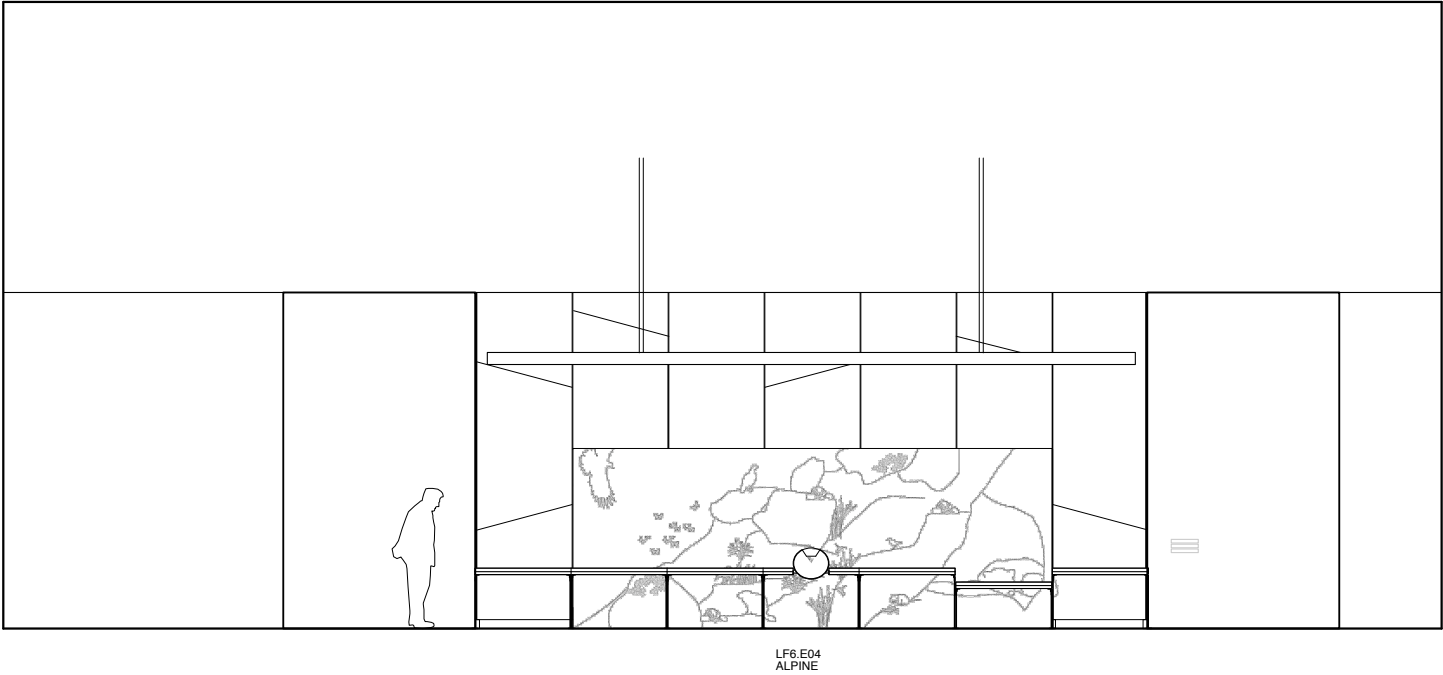
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 DEVELOPED ELEVATION: ECOSYSTEMS

SCALE: 1/4"= 1'-0"



2 DEVELOPED ELEVATION: ECOSYSTEMS

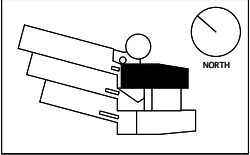
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UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshke Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
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No. / Issue Name / Date

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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Developed Elevations
Life Observatory

Date
Dec. 19, 2008

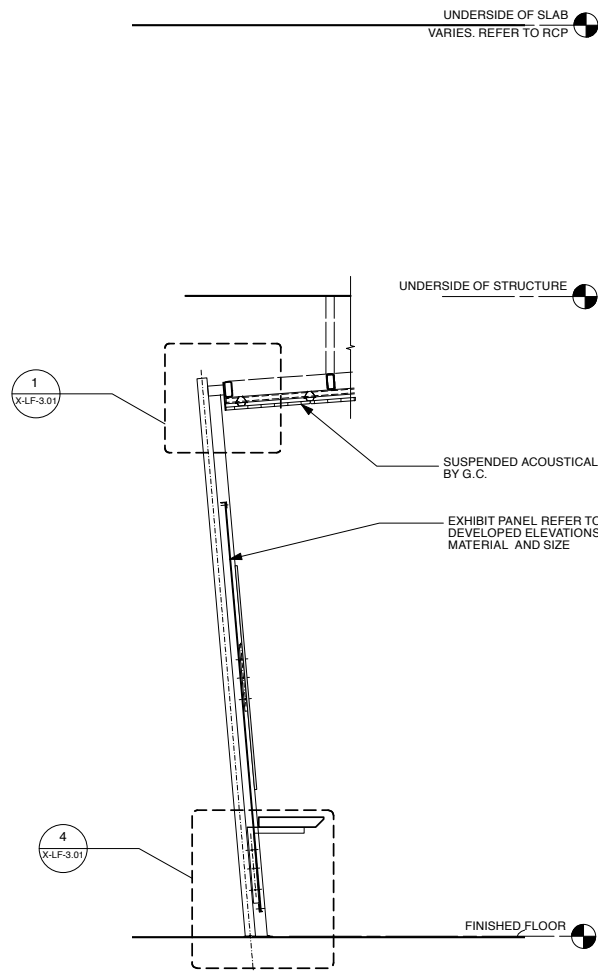
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Project No.
0275

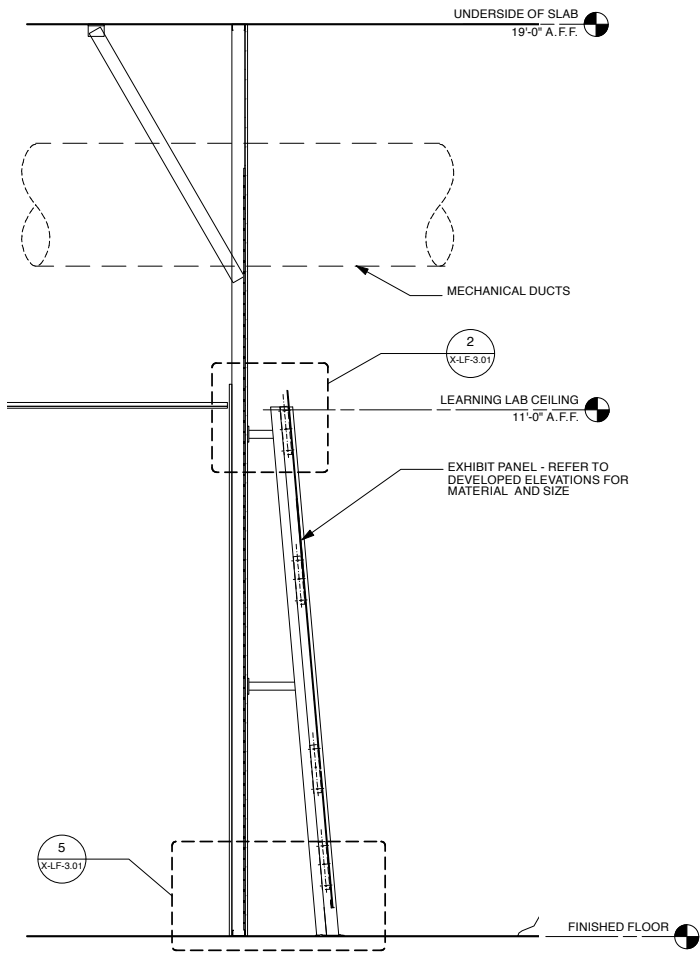
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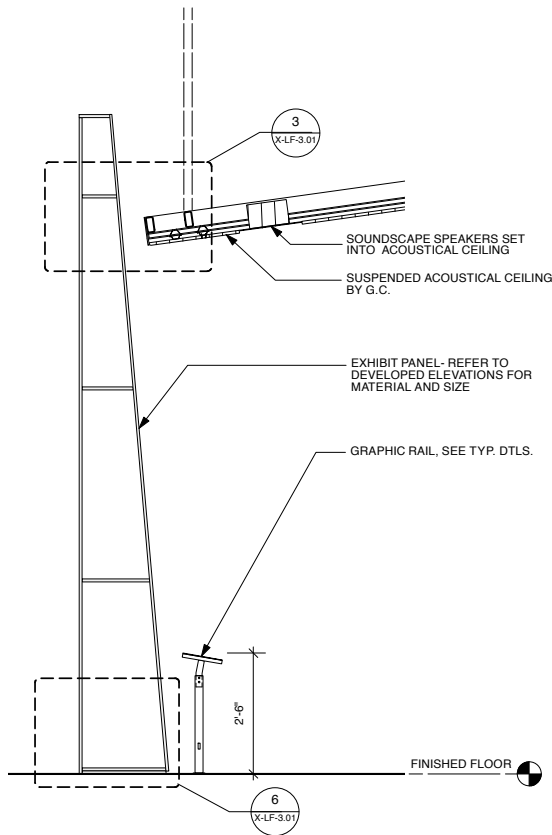
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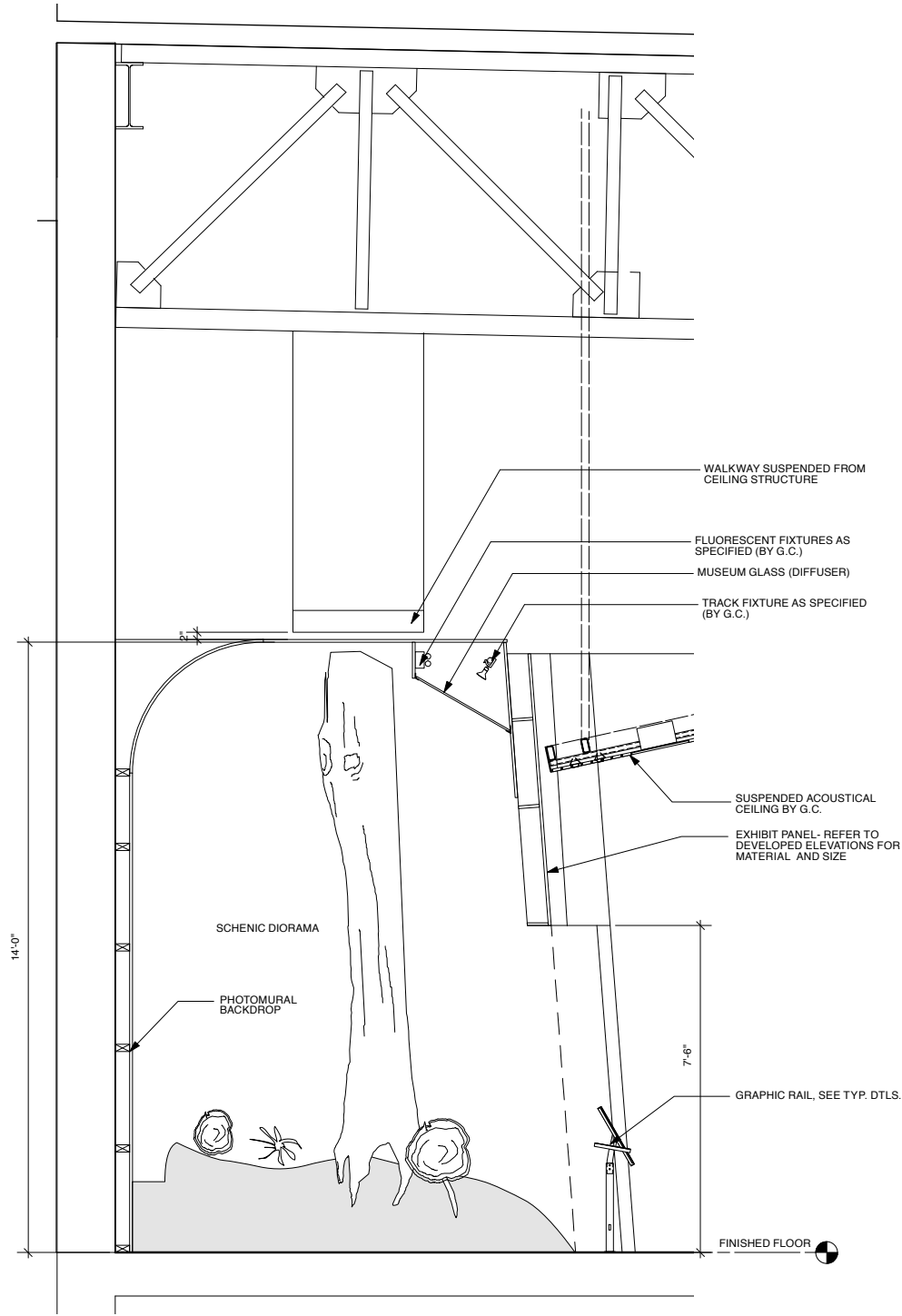
1 EXHIBIT WALL: SECTION, TYP.
SCALE: 1/2"= 1'-0"



2 LEARNING LAB WALL: SECTION, TYP.
SCALE: 1/2"= 1'-0"



3 ECOSYSTEM WALL: SECTION, TYP.
SCALE: 1/2"= 1'-0"

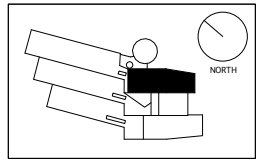


4 ECOSYSTEM DIORAMA: SECTION, TYP.
SCALE: 1/2"= 1'-0"

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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
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No. / Issue Name / Date

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FD WS3	Oct.16, 2008

No. / Issue Name / Date

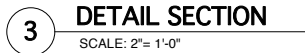
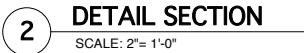
Sheet Title
**Level 3 - Life Observatory:
Typical Sections**

Date
Dec. 19, 2008
Scale*
As Noted

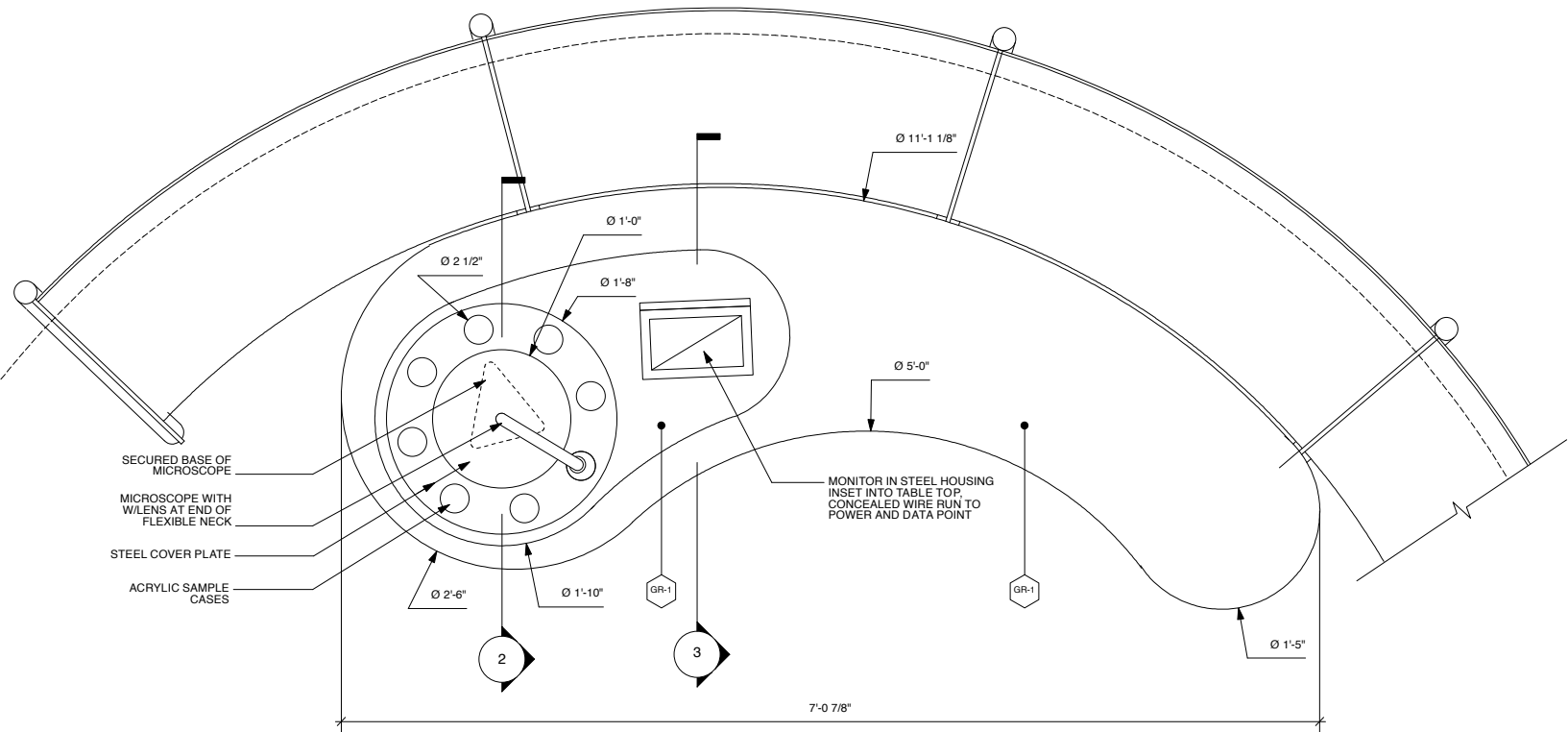
Project No.
0275
Sheet No.

X3-LF-3.00

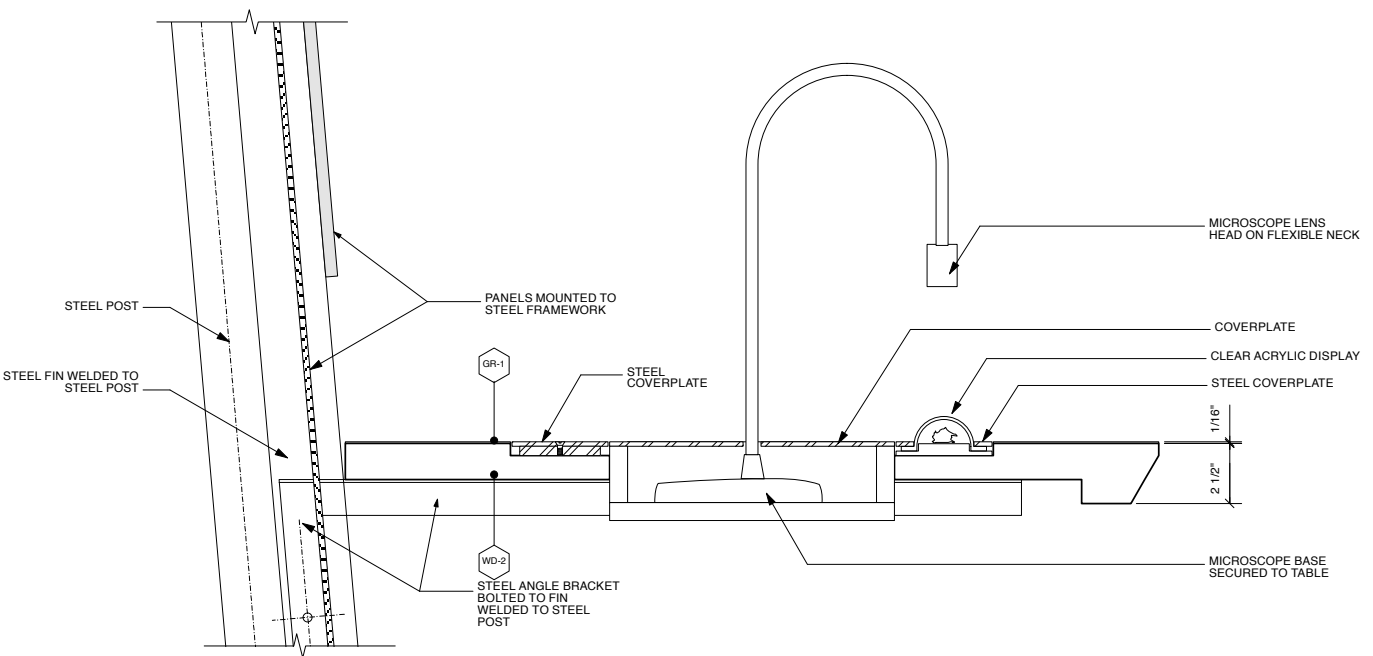
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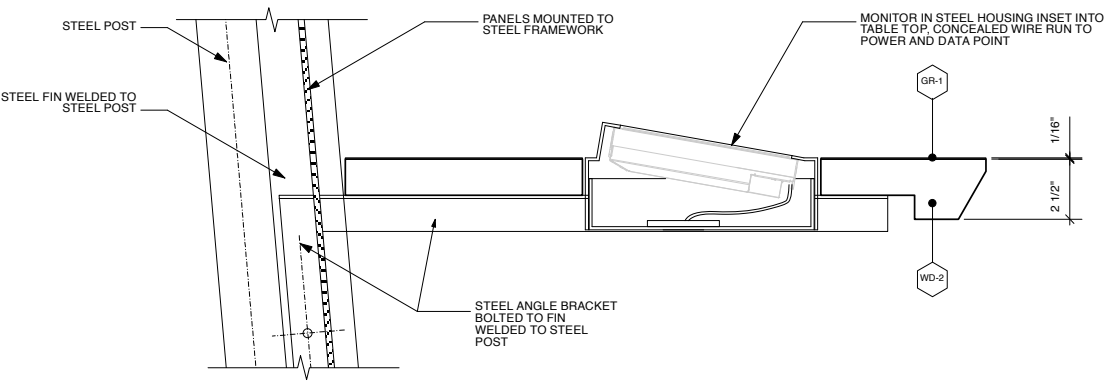
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 PLAN: KERATINE INVESTIGATION
SCALE: 1/2"= 1'-0"



2 DETAIL SECTION
SCALE: 3"= 1'-0"

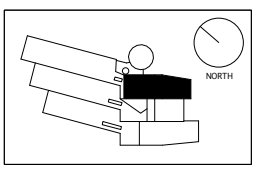


3 DETAIL SECTION
SCALE: 3"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



Key Plan

Owner UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Design Architect Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Architect of Record Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Structural Engineer Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Mechanical/Plumbing/FP Engineer Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Electrical/AV Engineer Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Landscape Architect Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Lighting Branson Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	Audio Visual BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Exhibition Planner and Designer Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.
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FD WS2rev	Sept.22, 2008
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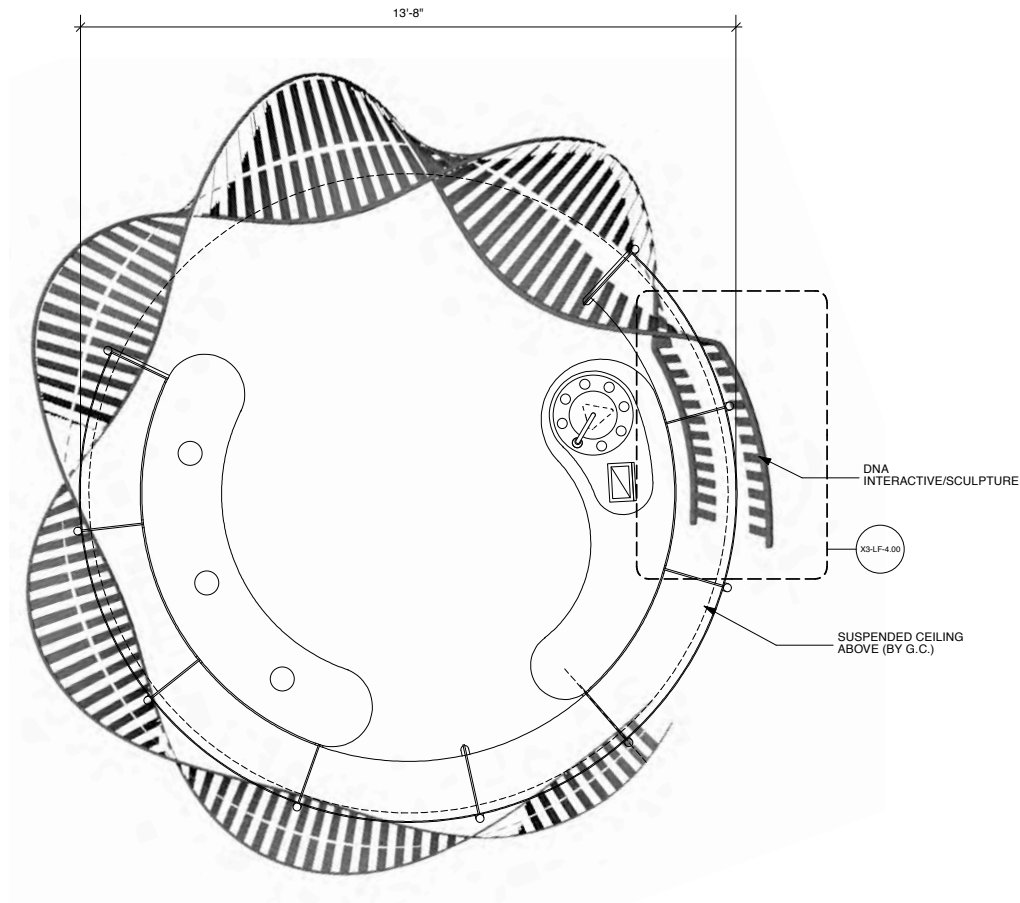
No. / Issue Name / Date

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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

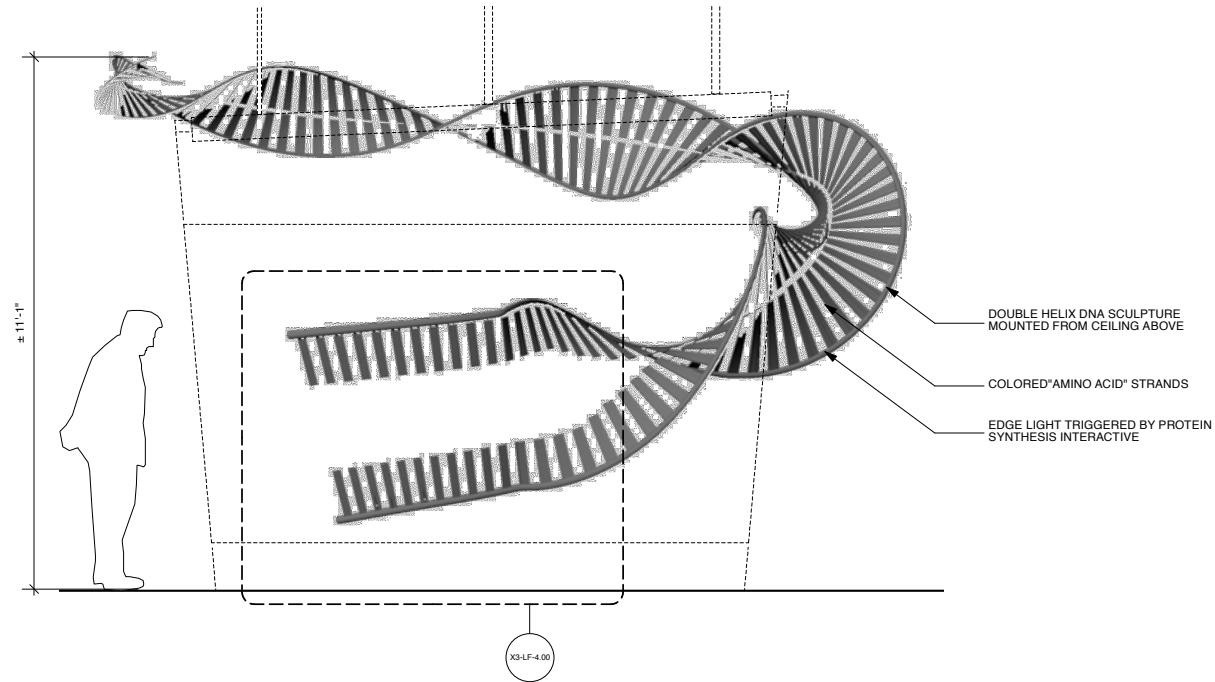
No. / Issue Name / Date

Sheet Title Level 4 - Life Observatory: Detail Plans- DNA	Project No. 0275
Date Dec. 19, 2008	Sheet No.
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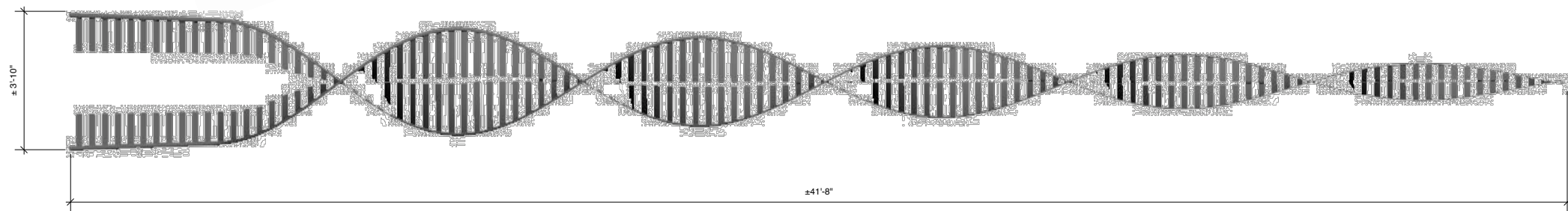
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 **PLAN (CONCEPTUAL DNA MODEL)**
SCALE: 1/2"= 1'-0"



2 **ELEVATION (CONCEPTUAL)**
SCALE: 1/2"= 1'-0"



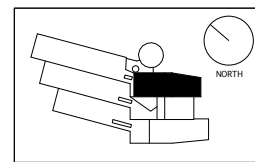
3 **DEVELOPED ELEVATION (CONCEPTUAL)**
SCALE: 1/2"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branson Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

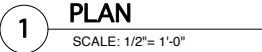
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

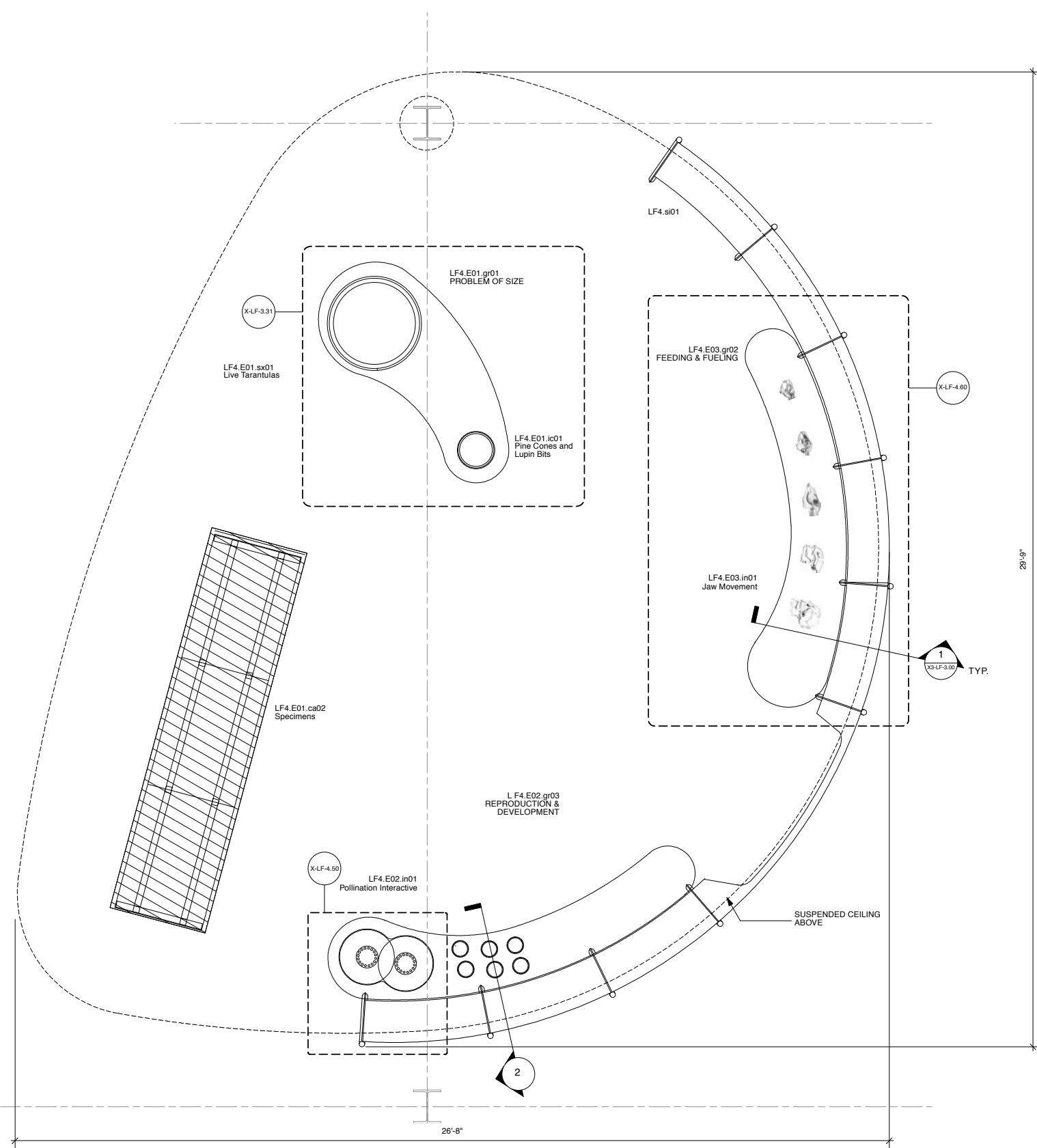
Sheet Title
**Level 4 - Life Observatory:
Detail Plans - DNA**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X3-LF-3.12

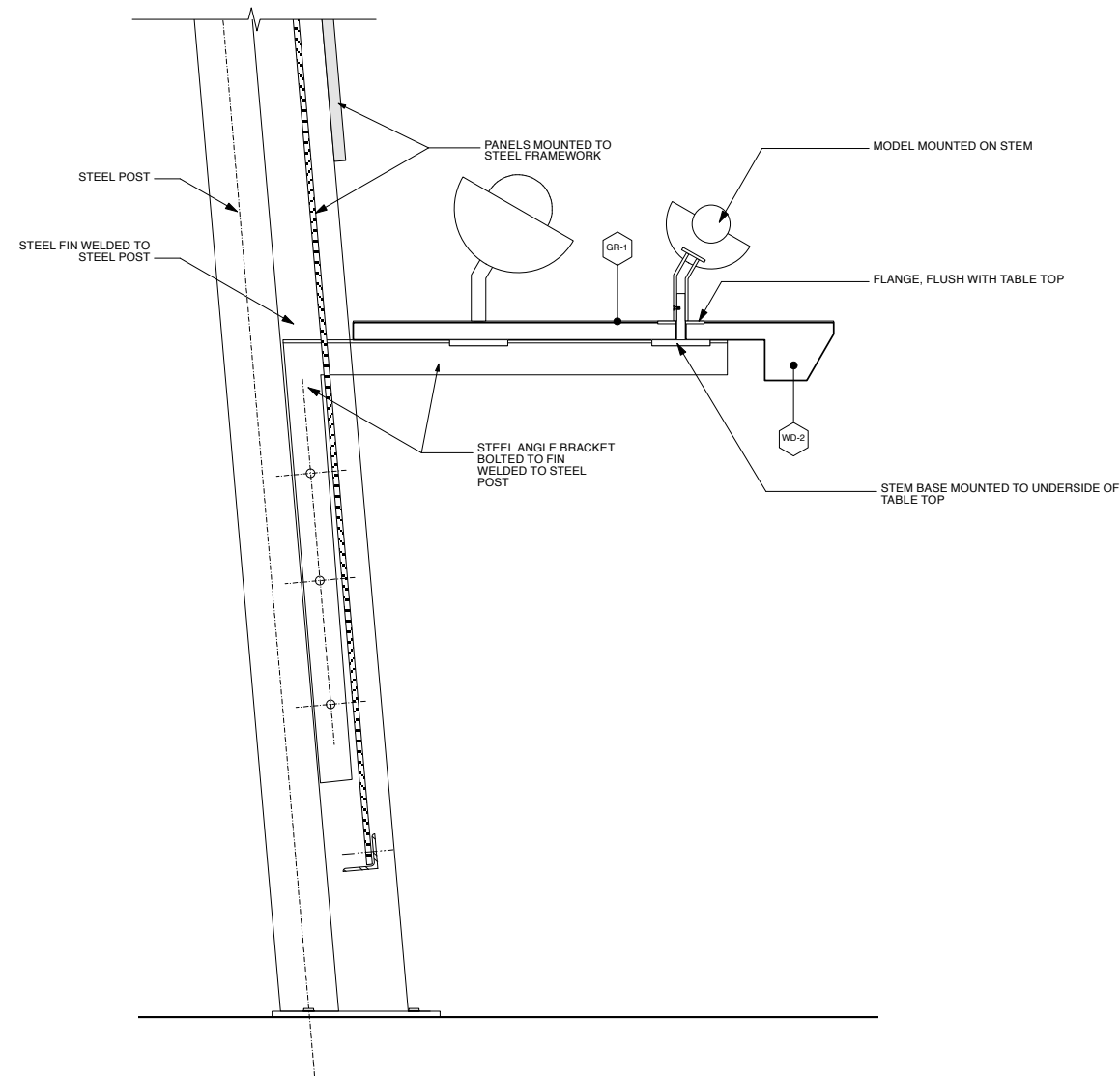
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 PLAN
SCALE: 1/2" = 1'-0"

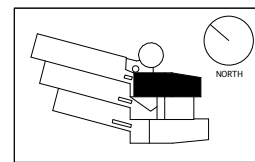


2 DETAIL SECTION
SCALE: 3" = 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Design Architect Polishek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Architect of Record Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Structural Engineer Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Mechanical/Plumbing/FP Engineer Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Electrical/AV Engineer Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Landscape Architect Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Lighting Branson Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	Audio Visual BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Exhibition Planner and Designer Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.
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Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

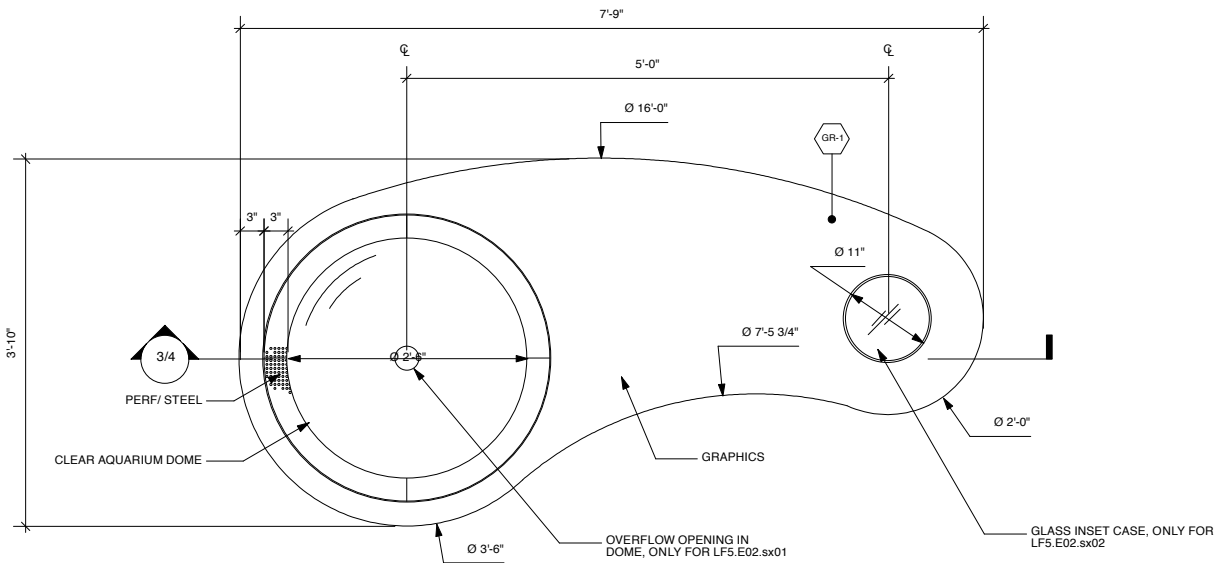
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

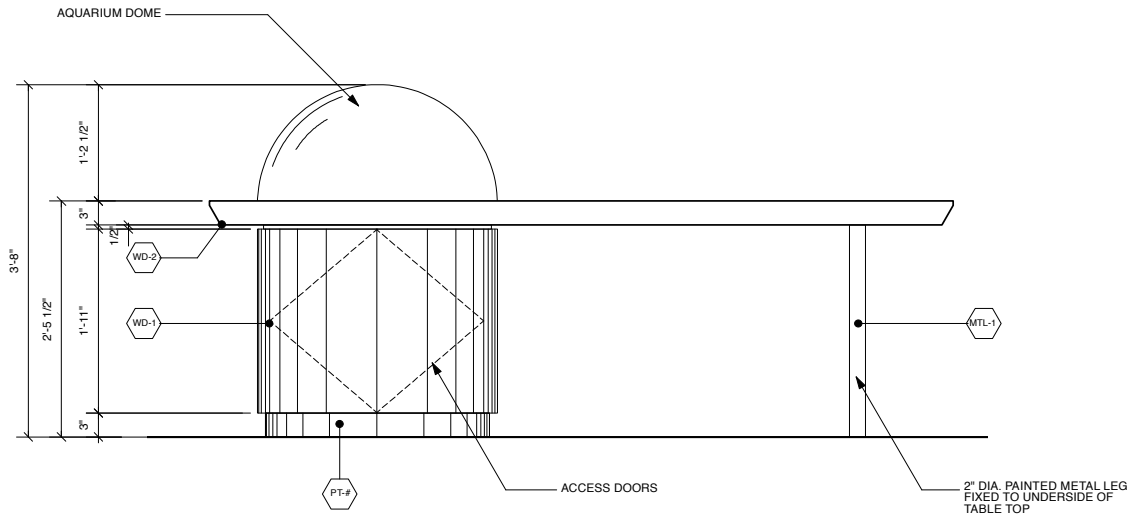
Sheet Title
**Level 4 - Life Observatory:
Detail Plans - ORGANISMS**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X3-LF-3.30

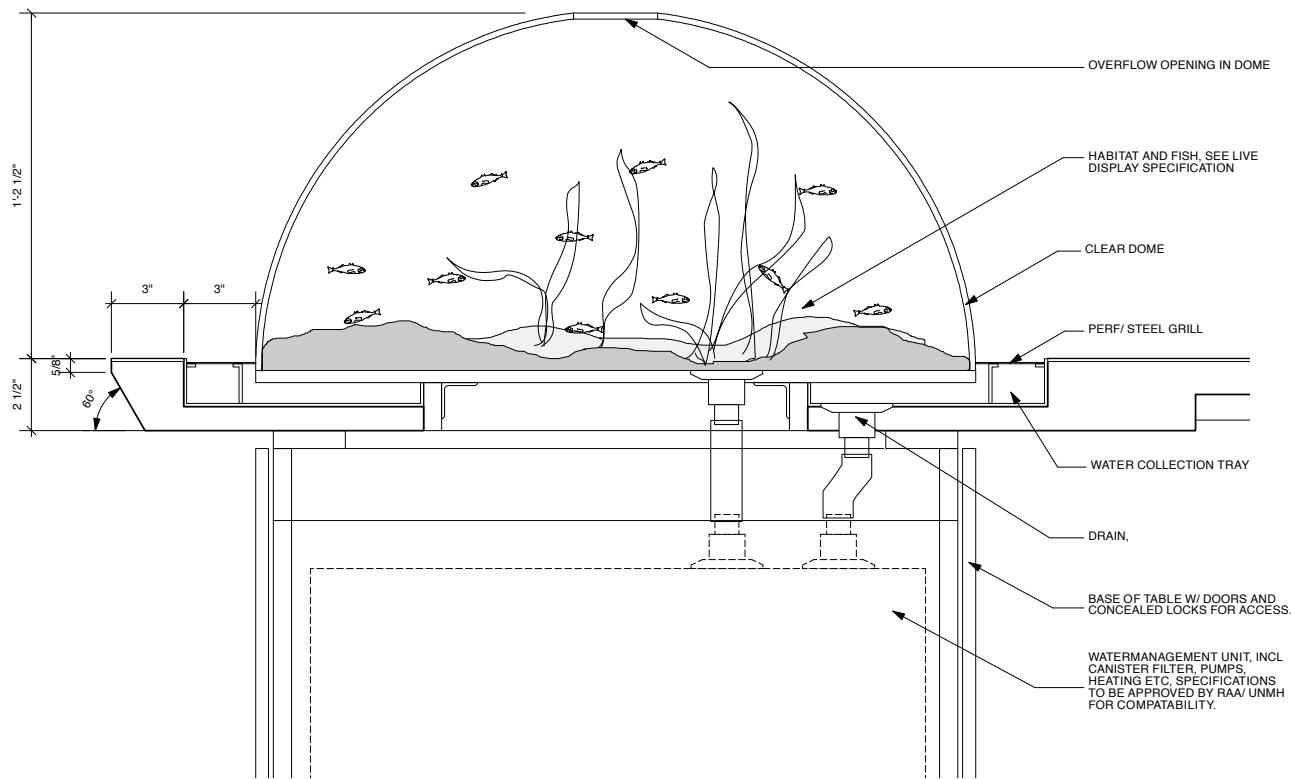
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



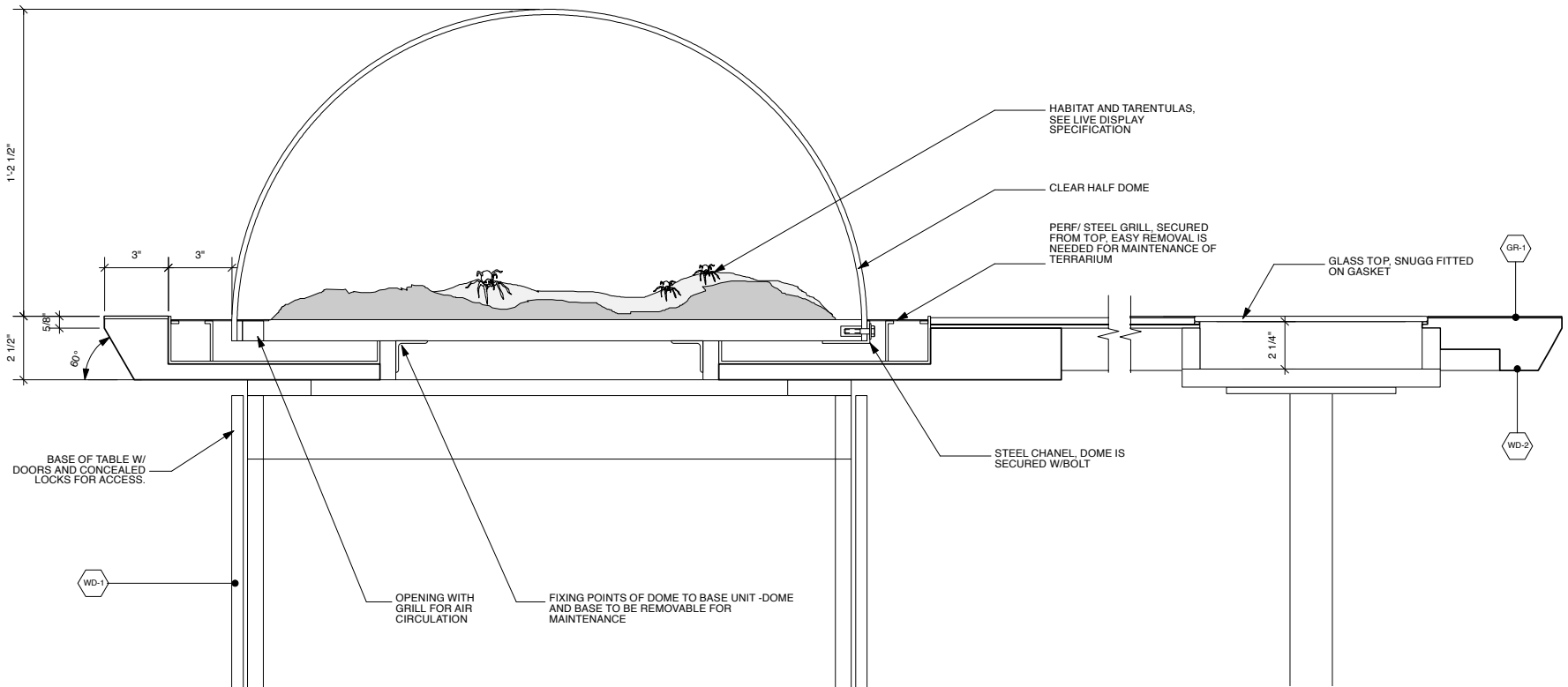
1 **TABLE PLAN:**
SCALE: 1"= 1'-0"



2 **ELEVATION**
SCALE: 1"= 1'-0"



3 **DETAIL SECTION: LF5.E02.sx01**
SCALE: 1"= 1'-0"

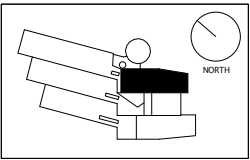


4 **DETAIL SECTION: LF5.E02.sx02**
SCALE: 1"= 1'-0"

NOTE:
1. CONTRACTOR TO RESEARCH ALL EQUIPMENT NEEDED, TO BE APPROVED BY RAA AND UNMH FOR COMPATIBILITY.
2. TO BE PROTOTYPED PRIOR TO FABRICATION

UTAH MUSEUM OF NATURAL HISTORY
UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Key Plan

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WS5	May 23, 2007
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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

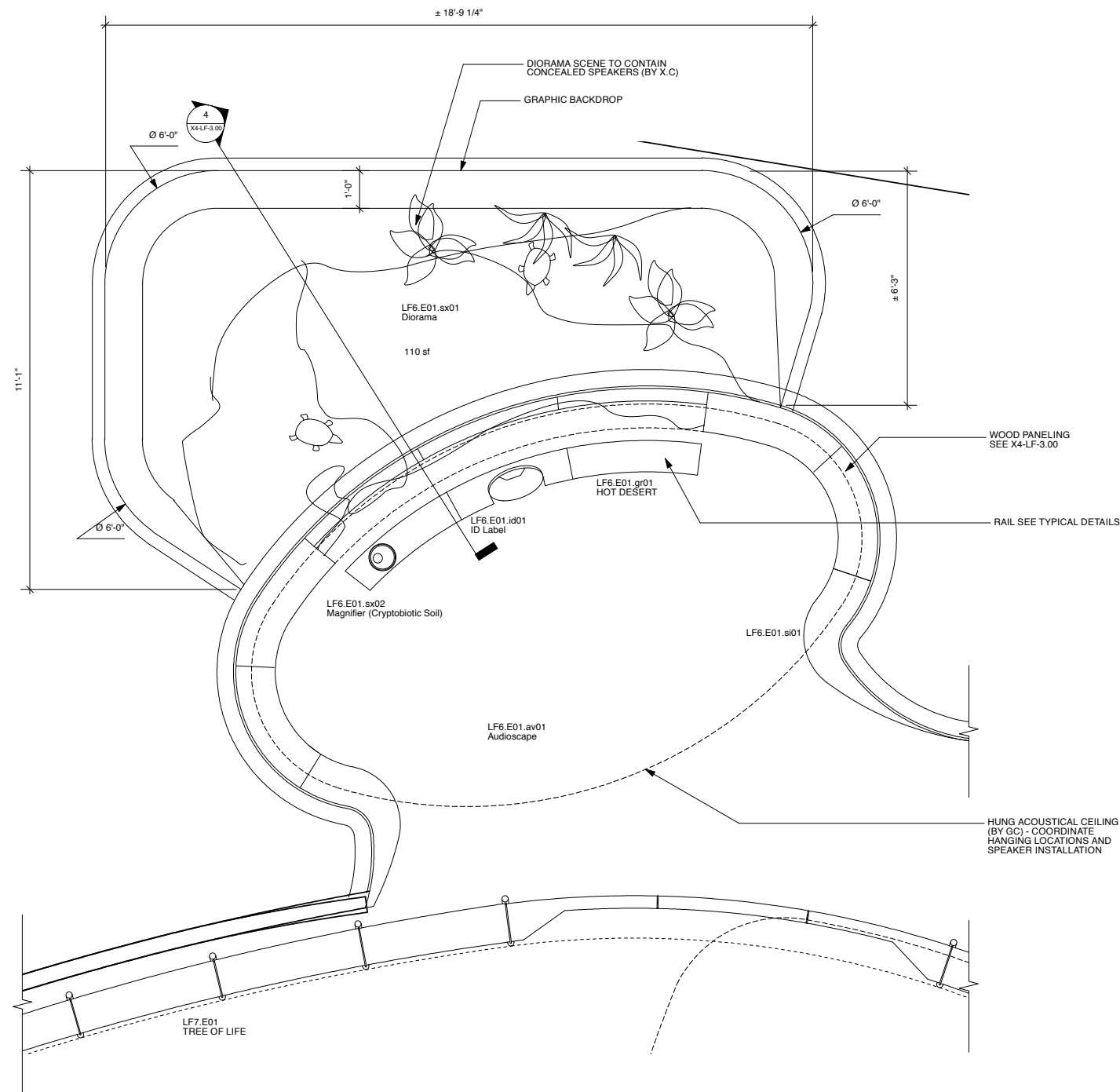
Sheet Title
**Level 4 - Life Observatory:
Aquarium Table: LF5.E02.sx02**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X3-LF-3.31

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



NOTE:

1. DESCRIPTION OF WORK:

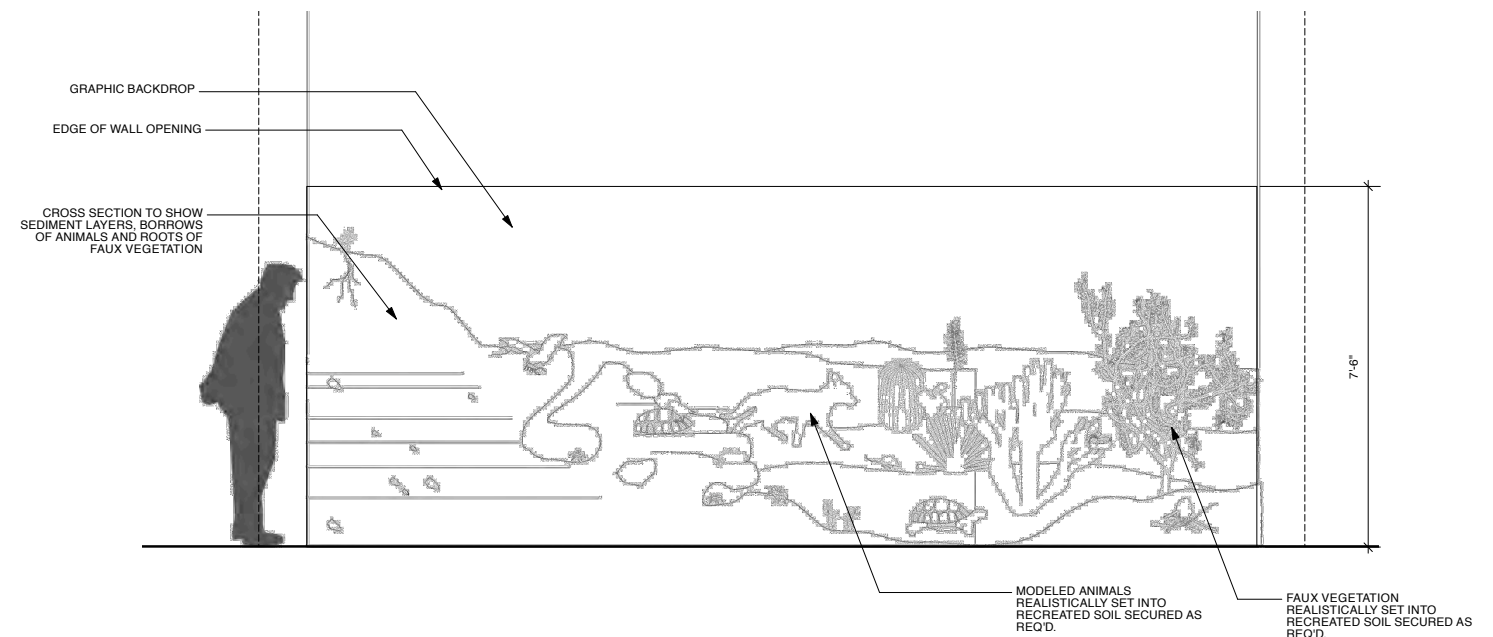
HOT DESERT MOJAVE: VISITORS SEE A DIORAMA REPRESENTING THE BEAVERDAM WASH AREA OF SOUTHWEST UTAH, AND LEARN HOW THE EXTREMES OF HEAT AND WATER AVAILABILITY AFFECT THE ANIMALS AND PLANTS THAT LIVE IN DESERTS. VISITORS SEE UP CLOSE THE INTERDEPENDENCIES OF THIS ECOSYSTEM (CRYPTOBOTIC SOILS, PLANT AND INSECT POLLINATION) AND APPRECIATE ITS FRAGILE NATURE. SOUNDScape WILL GIVE VISITORS A SENSE OF NIGHTTIME INHABITANTS VS. DAYTIME INHABITANTS.

GROUNDFORM DESCRIPTION: FLAT AND SANDY

ELEMENTS INCLUDE: CRYPTOBIOTIC SOIL, CHOLLA CACTUS W. CACTUS WREN AND NEST AND CLOSE-UP OF INSECT TRAP, BARREL CACTUS, JOSHUA TREE (BACKGROUND), CREOSOTE BUSHES, CREOSOTE LAC INSECT, WOOD RAT NEST AT BASE OF CACTUS, CACTUS, WOOD RAT, GOPHER, TORTOISE EATING CACTUS, ANTELOPE, SQUIRREL IN BURROW, BANANA YUCCA FLOWER WITH YUCCA MOTH, ANNUAL, LUPINE, DESERT MOSS, RAVEN WITH PECKED JUVENILE GOPHER TORTOISE SHELL, COYOTE OR KIT FOX CHASING DESERT KANGAROO RAT IN MID-LEAP, PALM DAT EATING A SCORPION, GROUND CROSS SEEDS SHOWN IN CLOSE-UP, LILA IN BLOOM, CACTUS AND TARANTULA HALL IN HOLE AND OTHER CHARACTERISTIC PLANTS AND ANIMALS/IDENTIFIER SPECIES ASSOCIATED WITH THE HOT DESERT COMMUNITY.

2. ALL ELEMENTS WILL BE FABRICATED EXCEPT "YUCCA MOTH" WILL BE ORDERED FROM A TEXAS INSECT FIRM.

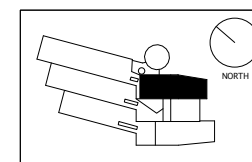
3. XC TO PROVIDE SAMPLES OF ALL SURFACES PRIOR TO FABRICATION FOR RAA TO APPROVE.



UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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UMNH 1390 East President's Circle Salt Lake City, Utah #4112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 South 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah #4103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah #4111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah #4060 435.655.0915 tel.	Branton Partnership 122 West 28th Street New York, NY 10001 212.934.4050 tel.	BBi Engineering, Inc. 241 Quirt Street San Francisco, CA #4124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



FD WS2rev	Sept.22, 2008
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100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 30, 2007

80% FD	Dec. 19, 2008
FD WS4	Nov. 18, 2008
FD WS2	Oct. 16, 2008

Sheet Title
**Level 4 - Life Observatory:
Hot Desert Diorama**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	Y410

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

1. DESCRIPTION OF WORK:

GROUNDFORM DESCRIPTION: FLAT WITH FINE SOIL, POROUS GROUND

2. ALL ELEMENTS WILL BE FABRICATED EXCEPT "MULEDEER" IS/ARE EXISTING TAXIDERMY IN UMNH COLLECTION.

3. XC TO PROVIDE SAMPLES OF ALL SURFACES PRIOR TO FABRICATION FOR RAA TO APPROVE.



UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Polshek Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel

Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel

Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Branston Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415 685 9555 tel.

Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.



No. / Issue Name / Date

No. / Issue Name / Date

Dec. 19, 2008

As Noted

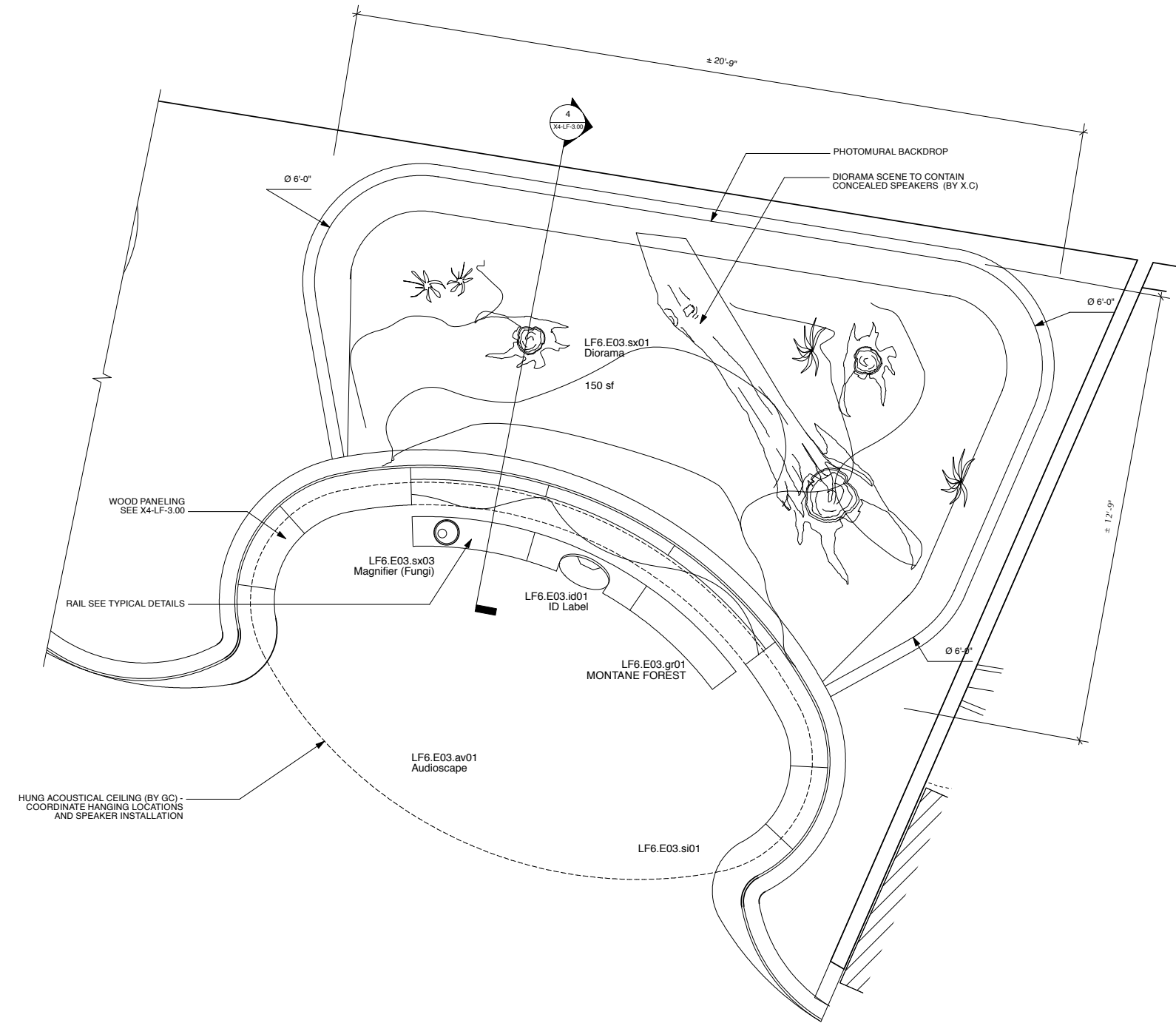
0275

Y4 I

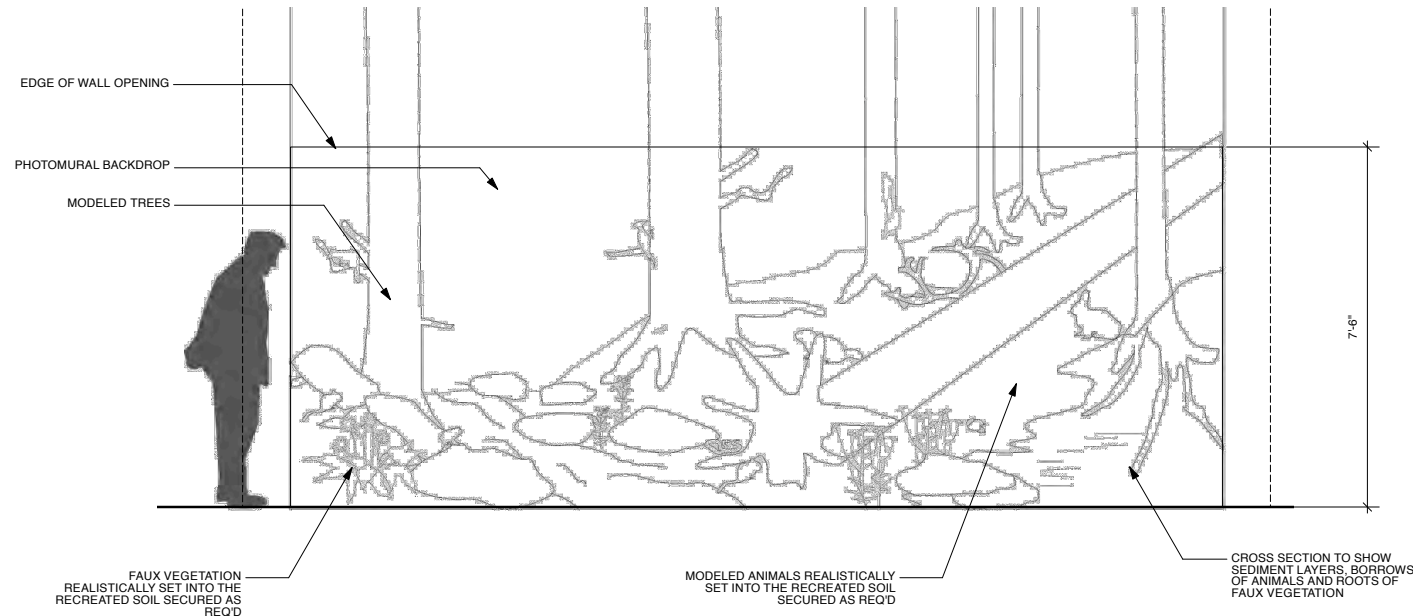
Λ4-1

X4-LF-3.60

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 ECOSYSTEMS: MONTANE FOREST DIORAMA PLAN: LF6.E03
SCALE: 1/2"= 1'-0"



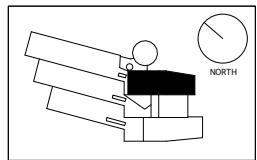
2 ECOSYSTEMS: MONTANE FOREST DIORAMA
SCALE: 1/2"= 1'-0"

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 4 - Life Observatory:
Montane Forest Diorama**

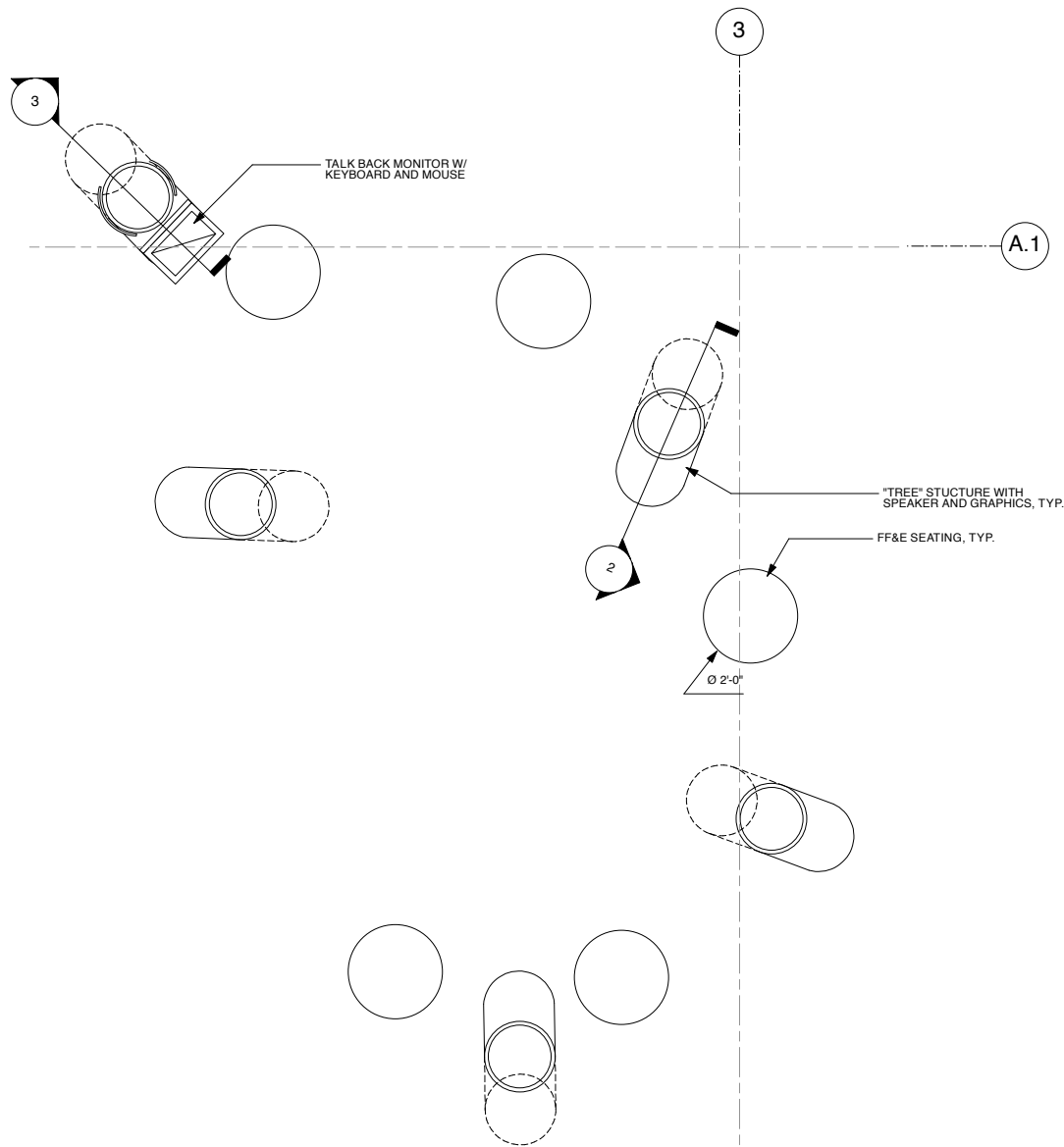
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X4-LF-3.70

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

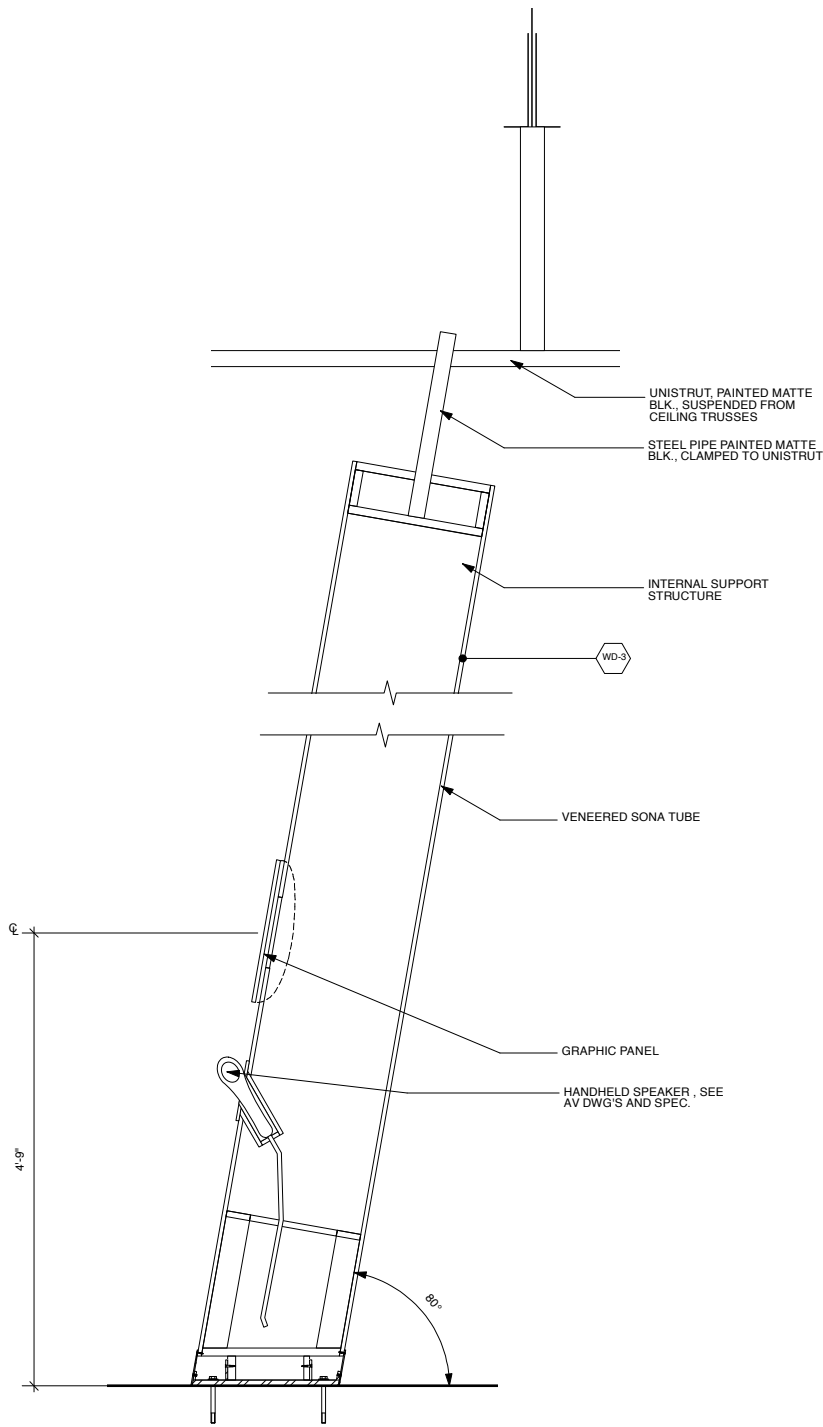


3. XC TO PROVIDE SAMPLES OF ALL SURFACES PRIOR TO FABRICATION FOR RAA TO APPROVE.

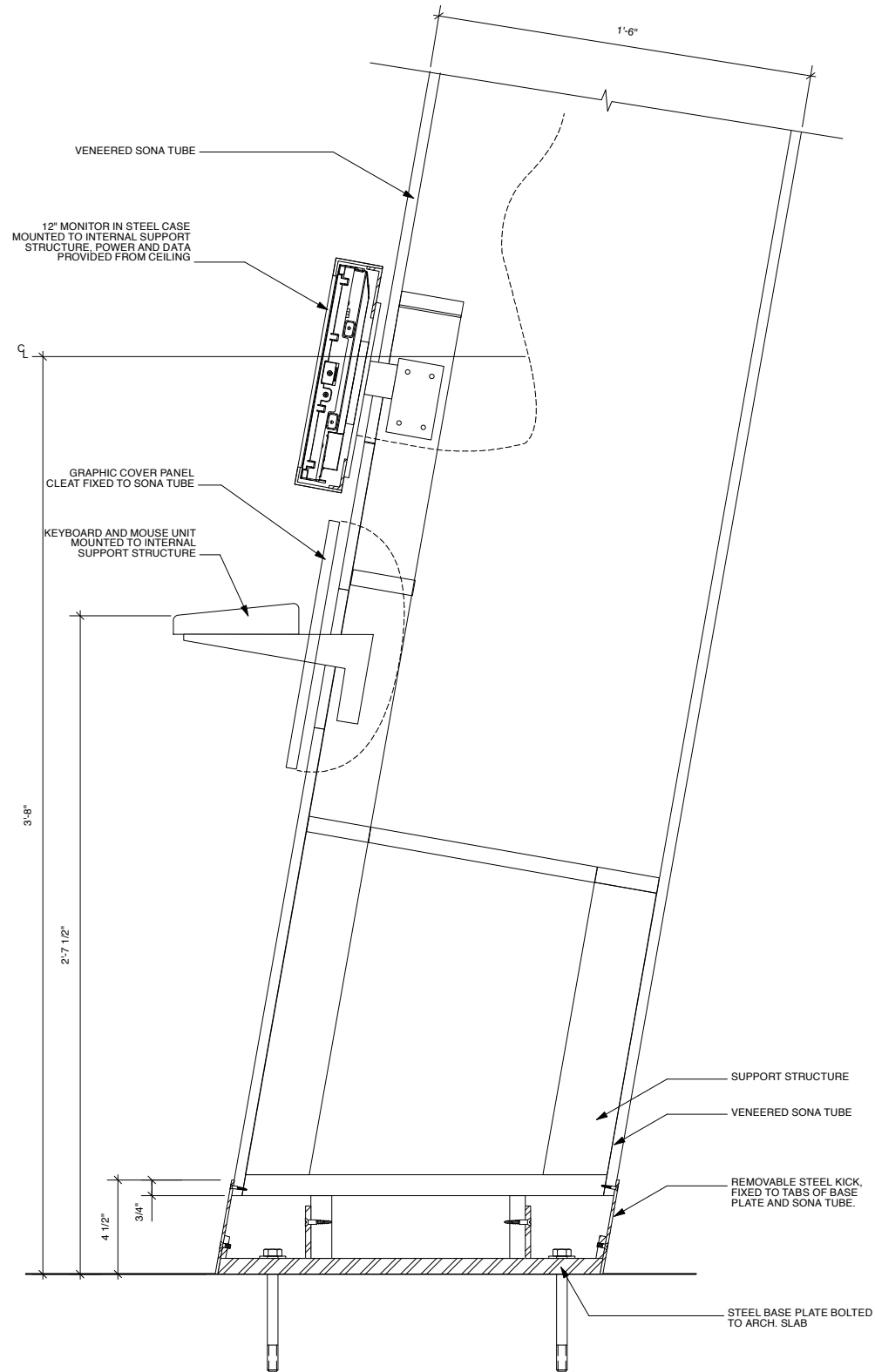
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 **DETAIL PLAN**
SCALE: 1/2"= 1'-0"



3 **TYP. DETAIL SECTION**
SCALE: 1"= 1'-0"

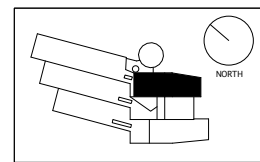


3 **TYP. DETAIL**
SCALE: 3"= 1'-0"

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Key Plan

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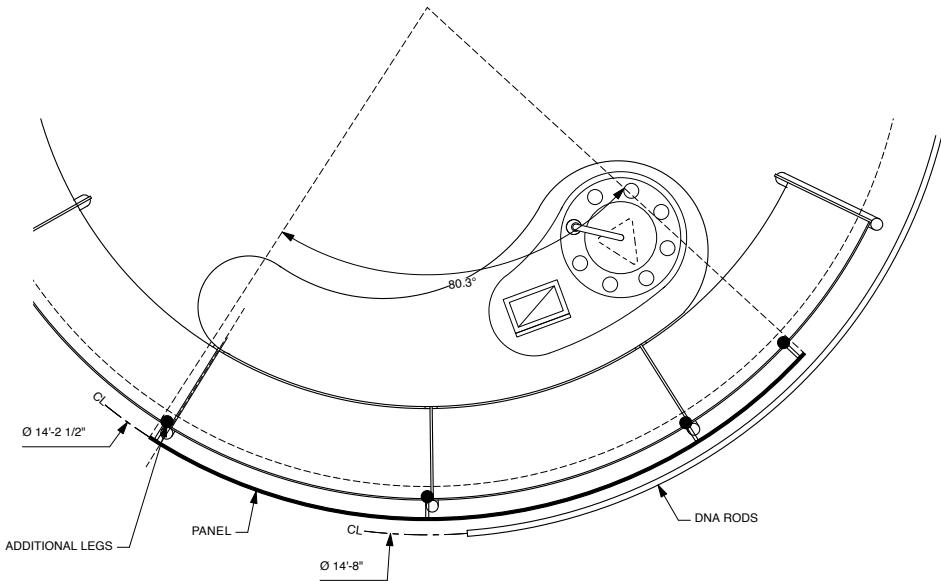
No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

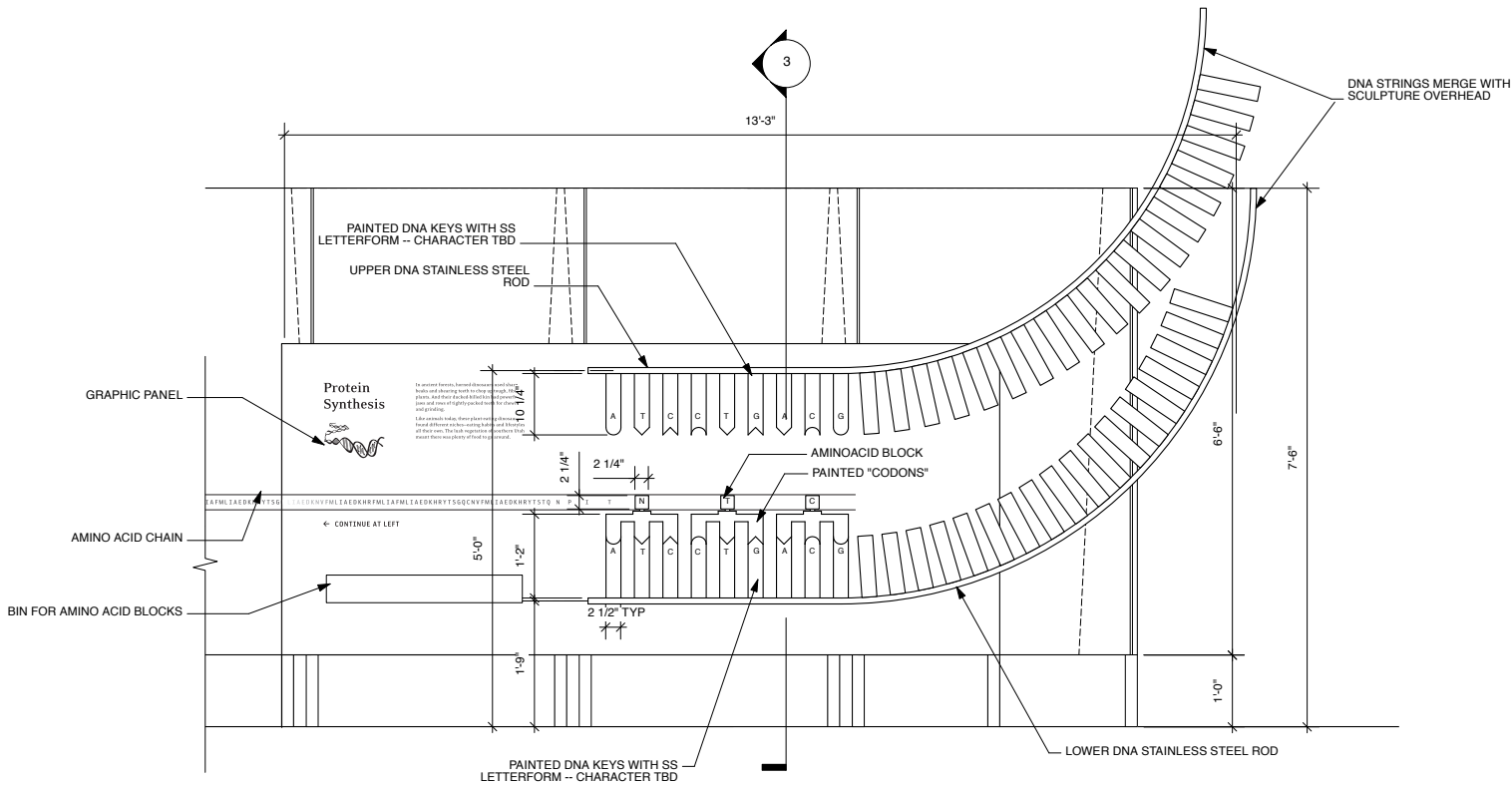
No. / Issue Name / Date

Sheet Title	
Level 3 - Life Observatory: Human Interactions	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X3-LF-3.90

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 PLAN VIEW
SCALE: 3/4" = 1'-0"



2 DEVELOPED ELEVATION
SCALE: 3/4" = 1'-0"

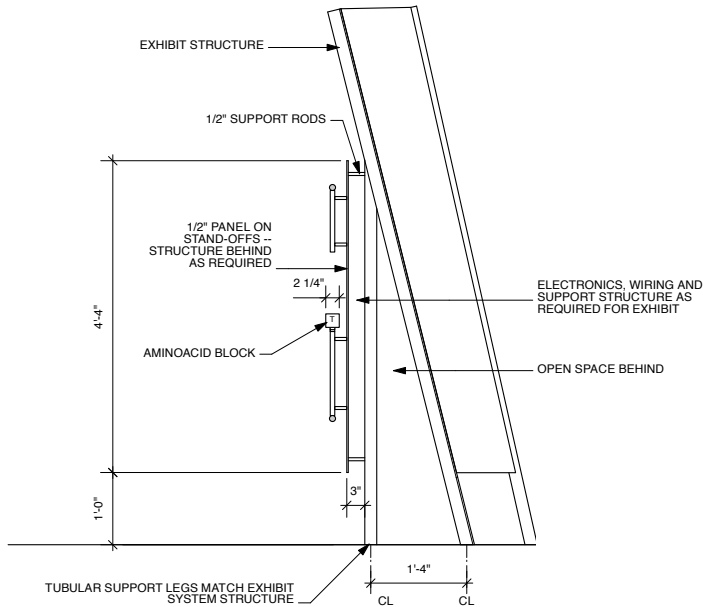
DESCRIPTION OF : PROTEIN SYNTHESIS

LEARNING OUTCOME:
VISITORS UNDERSTAND THAT DNA STORES INFORMATION THAT IS TRANSLATED INTO PROTEINS.

•VISITORS COMPLETE AN AMINO ACID CHAIN, ACTING AS TRANSFER RNA TO PAIR UP AN AMINO ACID TO THE CORRECT 3 BASE SEQUENCE (CODON) ON A STRAND OF DNA.

• USING A COLOR-CODED KEY, VISITORS PICK FROM A BIN OF AMINO ACID PUZZLE PIECES. THEY MATCH THE 3 AMINO ACIDS IN SEQUENCE. WHEN THE CHAIN IS COMPLETED, IT LIGHTS UP. THE LIT CHAIN EXTENDS TO THE KERATIN TREE GAME.

• VISITORS ARE ENCOURAGED TO DETACH THE PUZZLE PIECES AND RETURN TO THE BIN.

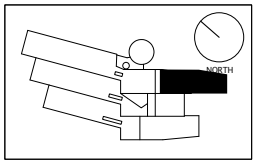


3 SECTION
SCALE: 3/4" = 1'-0"

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Key Plan

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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 4 Details:
Protein Synthesis**

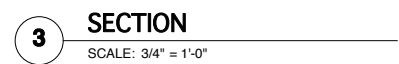
Date	Dec. 19, 2008	Project No.	0275
Scale*	varies	Sheet No.	

X4-LF-4.00

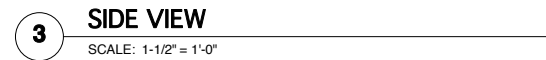
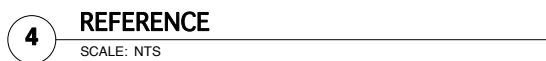
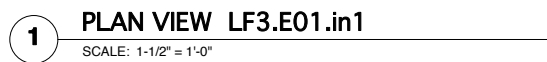
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



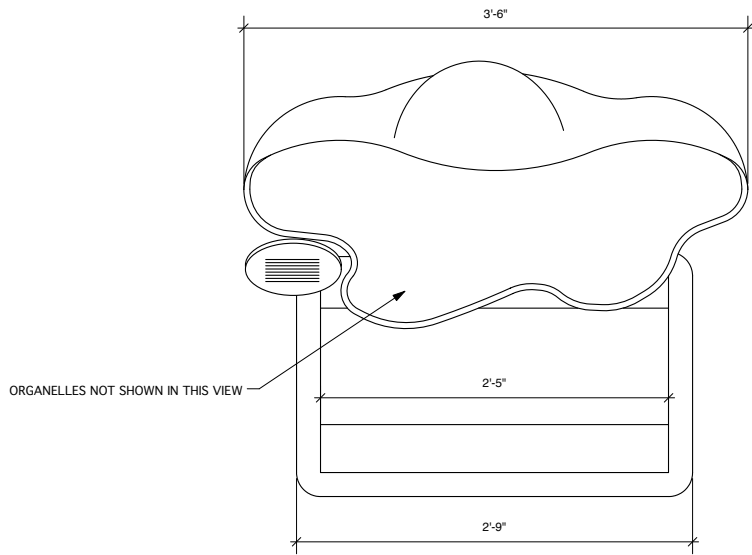
- Working sequentially, visitors pick the amino acids at each node until the entire tree lights up.



*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

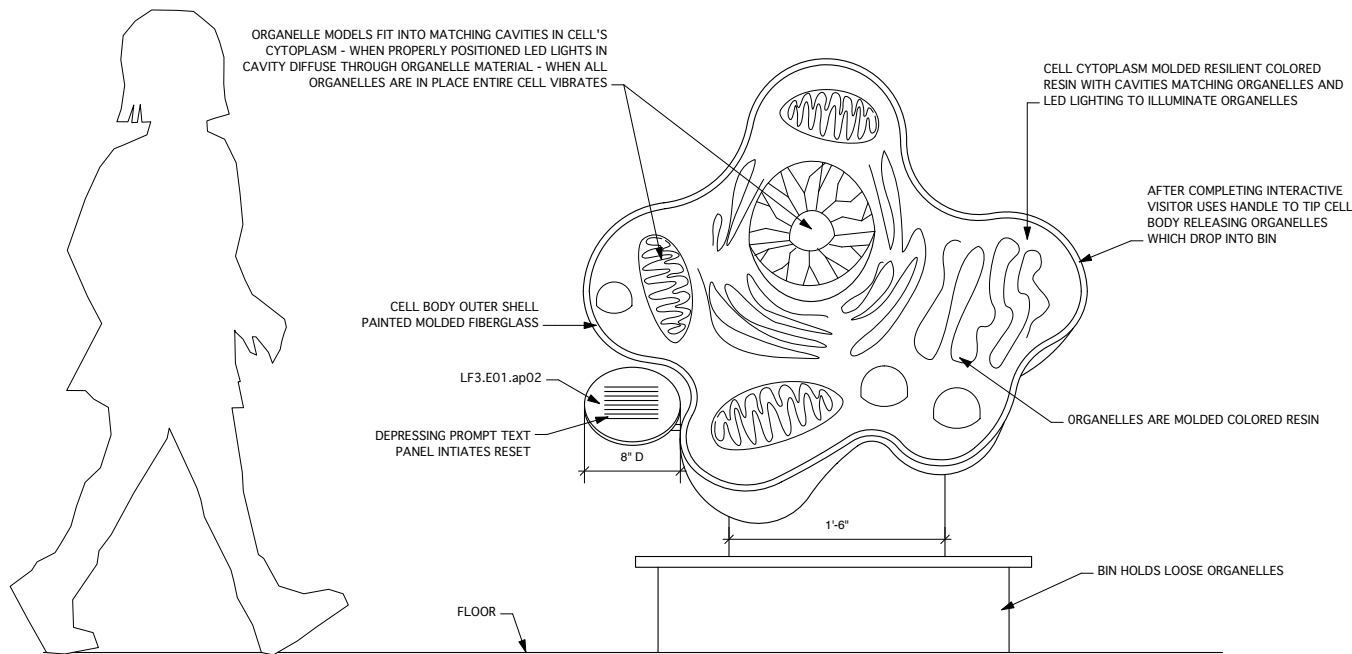


*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

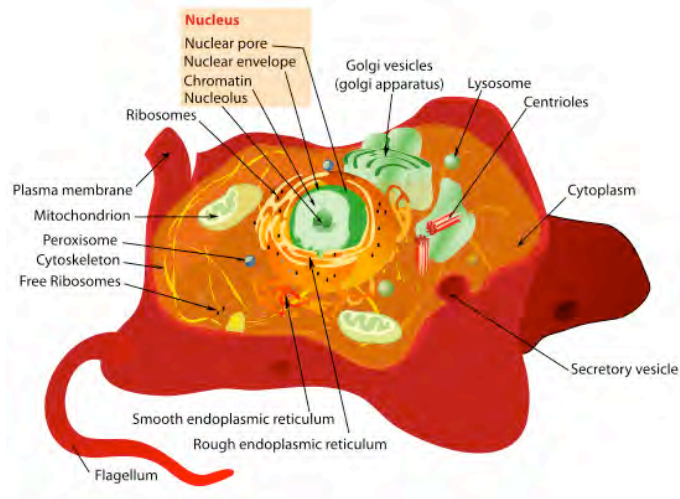


1 PLAN VIEW LF3.E01.in1
SCALE: 1-1/2" = 1'-0"

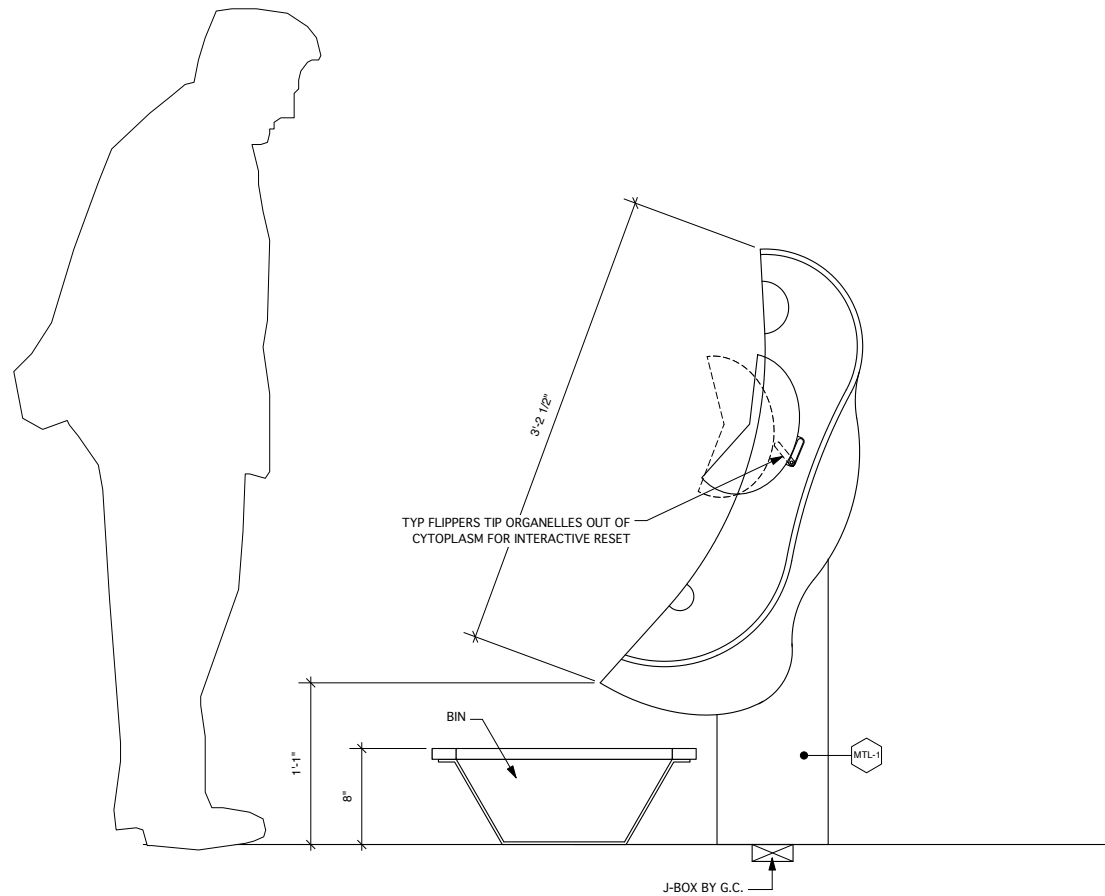
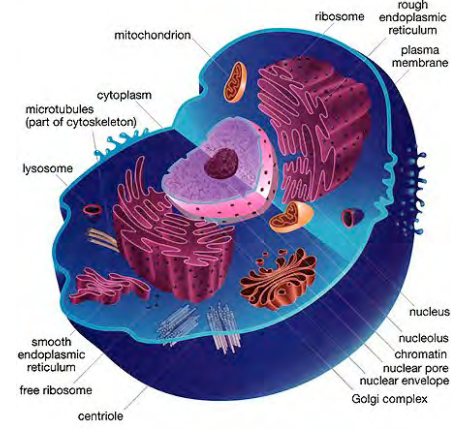
ANIMAL CELL INTERACTIVE ORGANELLES THAT THE VISITOR WOULD INSTALL ARE: THE NUCLEUS, MITOCHONDRION, GOLGI BODY, RIBOSOMES AND LYSOSOME. THE OTHER ORGANELLES ARE PERMANENTLY IN PLACE AND PART OF THE CYTOPLASM MOLDED PART. CELL WALL TO BE RIGID CAST MATERIAL



2 FRONT VIEW
SCALE: 1-1/2" = 1'-0"



4 REFERENCE
SCALE: NTS

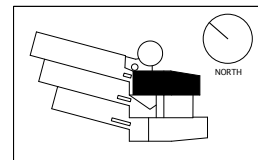


3 SIDE VIEW
SCALE: 1-1/2" = 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brums Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84101 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstetter Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBJ Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS7	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

No. / Issue Name / Date	
80% FD Dec.19, 2008	
FD WS4 Nov.18, 2008	
FD WS3 Oct.16, 2008	
No. / Issue Name / Date	

Sheet Title
**Level 4 Details:
Build an Animal Cell Interactive**

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
varies	X4-LF-4.21

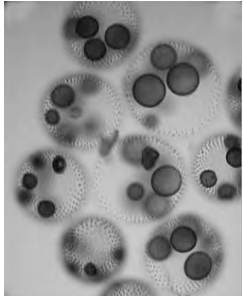
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



WATER LILY

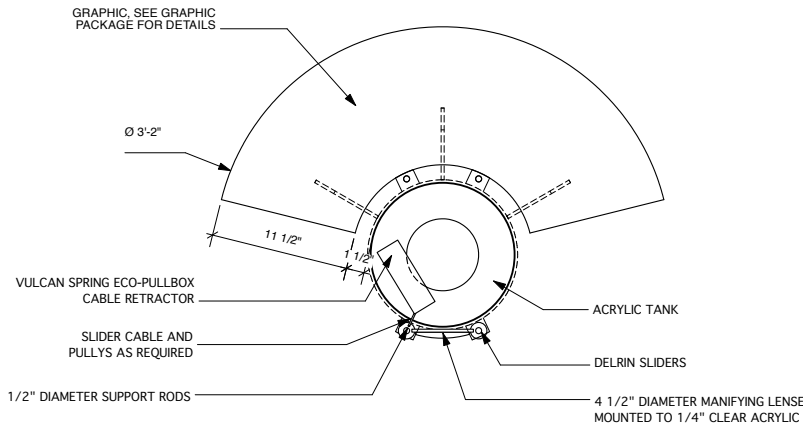


ELODEA

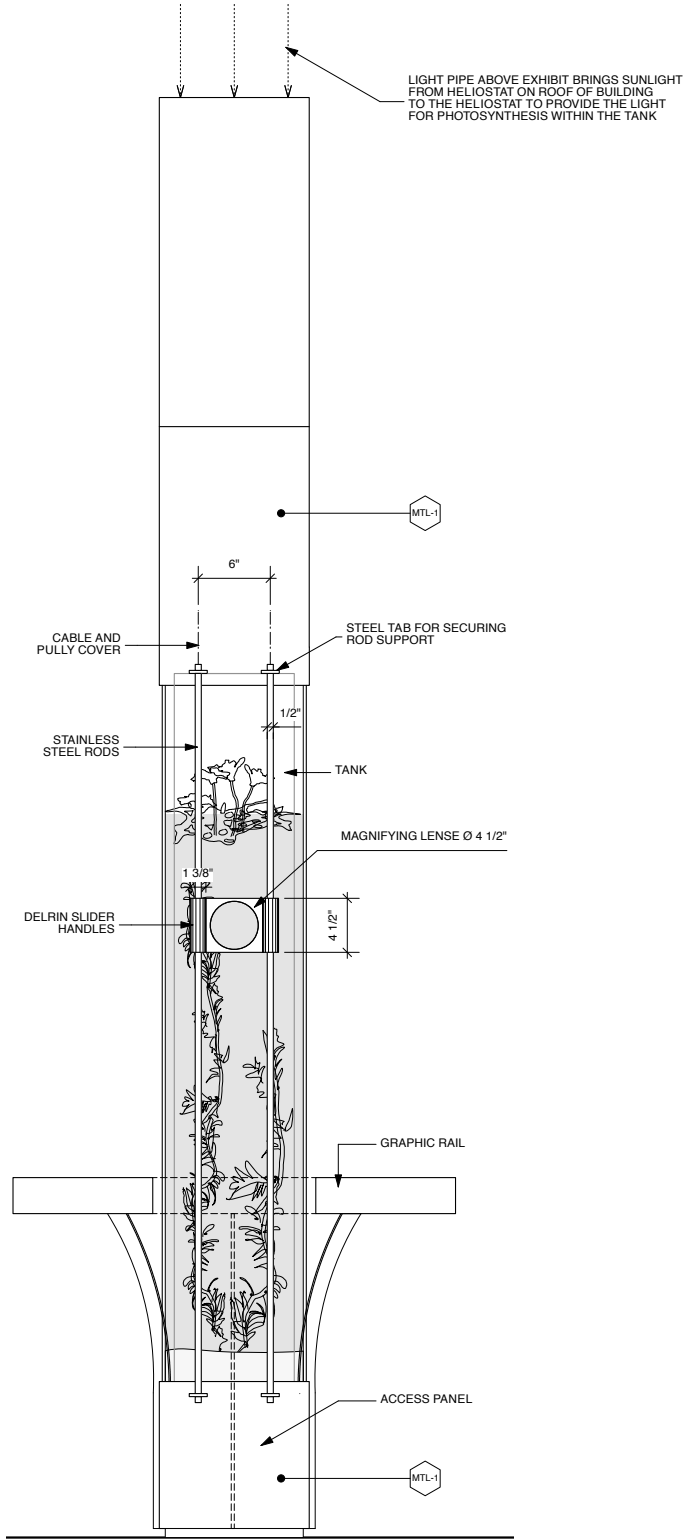


VOLVOX

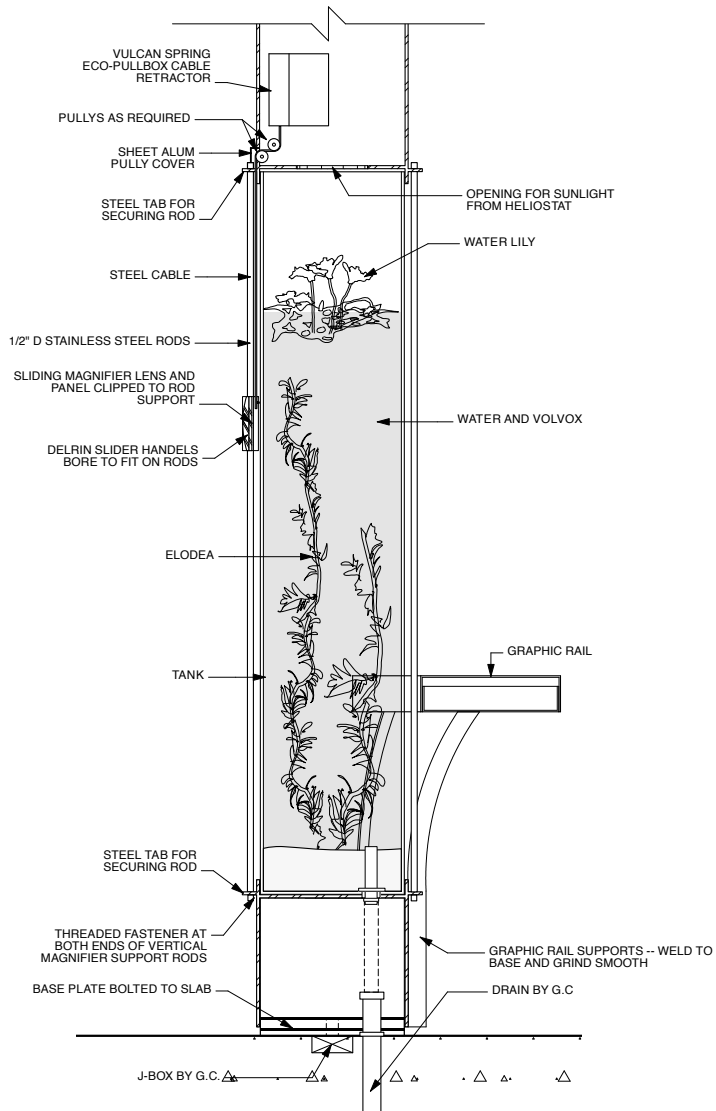
4 PLANT REFERENCE
SCALE: NTS



1 PLAN VIEW LF3.E03.sx01
SCALE: 3/4" = 1'-0"



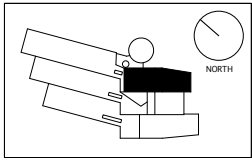
2 ELEVATION
SCALE: 3/4" = 1'-0"



3 DETAIL SECTION
SCALE: 1-1/2" = 1'-0"

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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

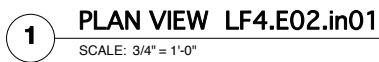
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

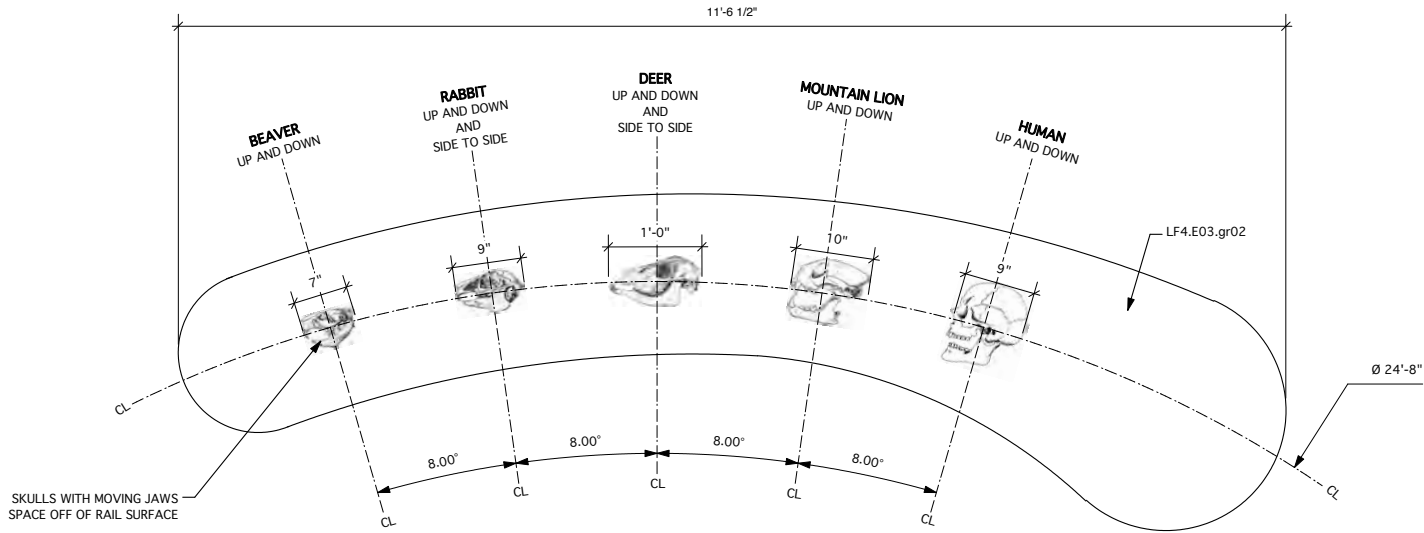
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Level 4 Details:
Photosynthesis Interactive

Date	Dec. 19, 2008	Project No.	0275
Scale*	varies	Sheet No.	X4-LF-4.30

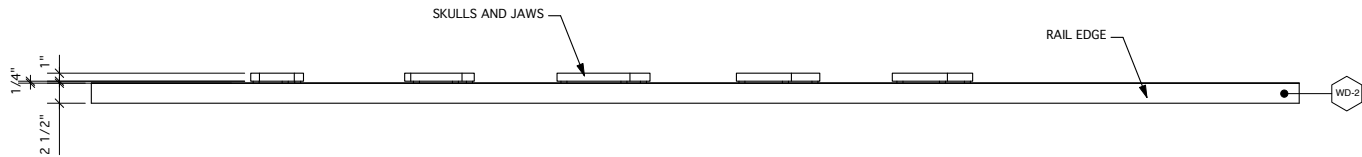
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



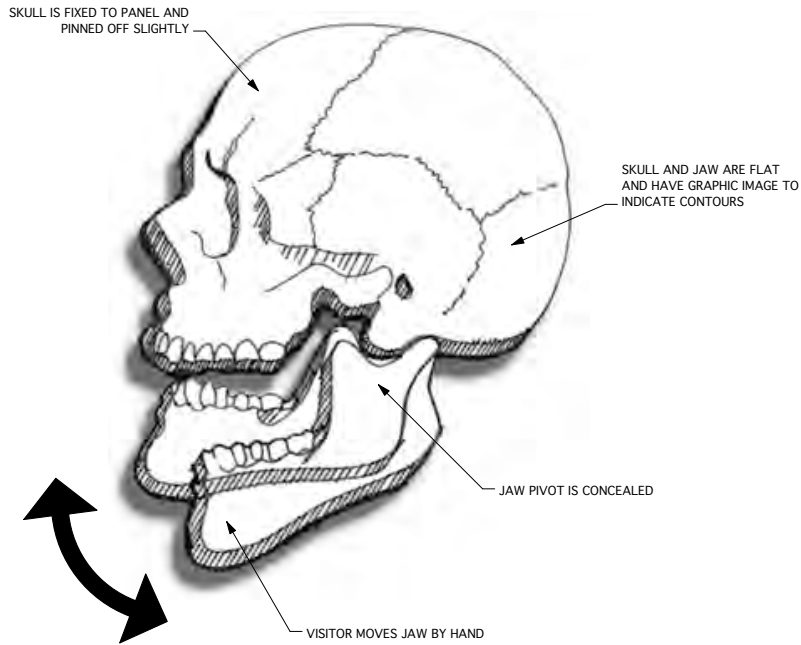
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 PLAN VIEW LF4.E03.in01
SCALE: 1" = 1'-0"



2 FRONT VIEW
SCALE: 1" = 1'-0"



IMPORTANT NOTE: HUMAN JAW (SHOWN) DEMONSTRATES UP AND DOWN MOVEMENT ONLY -- ANIMAL JAWS THAT HAVE SIDE TO SIDE MOVEMENT TO UTILIZE A CAM PIVOT TO VARY THE JAW'S HEIGHT OFF OF THE COUNTER -- UP AND DOWN MOVEMENT MAY ALSO INCLUDE FORWARD AND BACK GRINDING MOTION AND ALL SHOULD BE PRICED AS SUCH

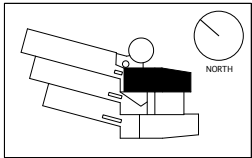
3 TYP SKULL OPERATION
SCALE: HALF SCALE

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Level 4 Details:
Jaw Movement Interactive

Date

Dec. 19, 2008

Scale*

varies

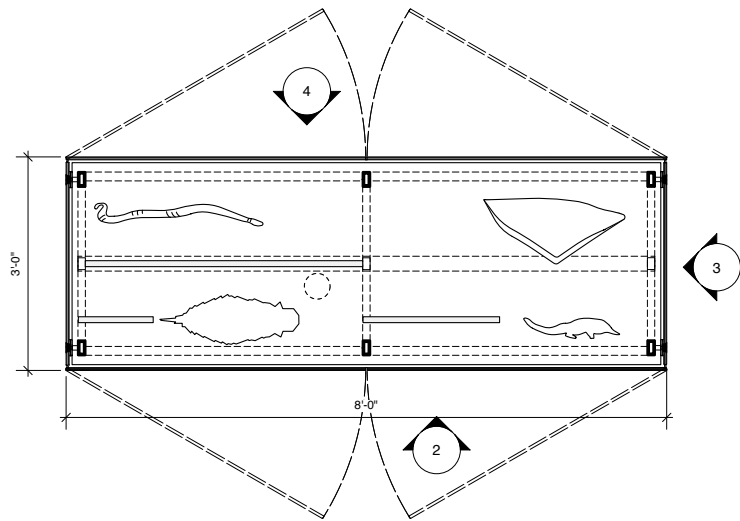
Project No.

0275

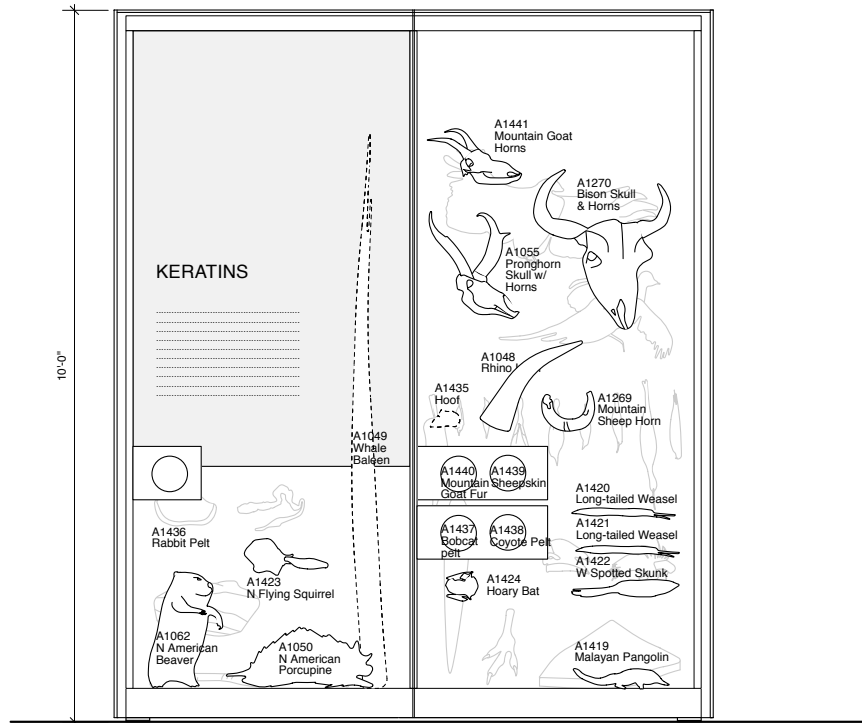
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X4-LF-4.60

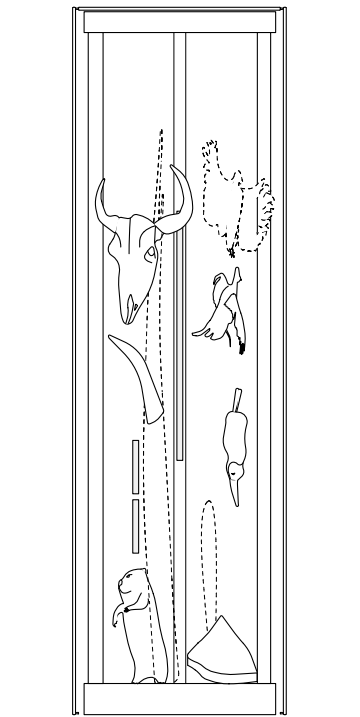
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



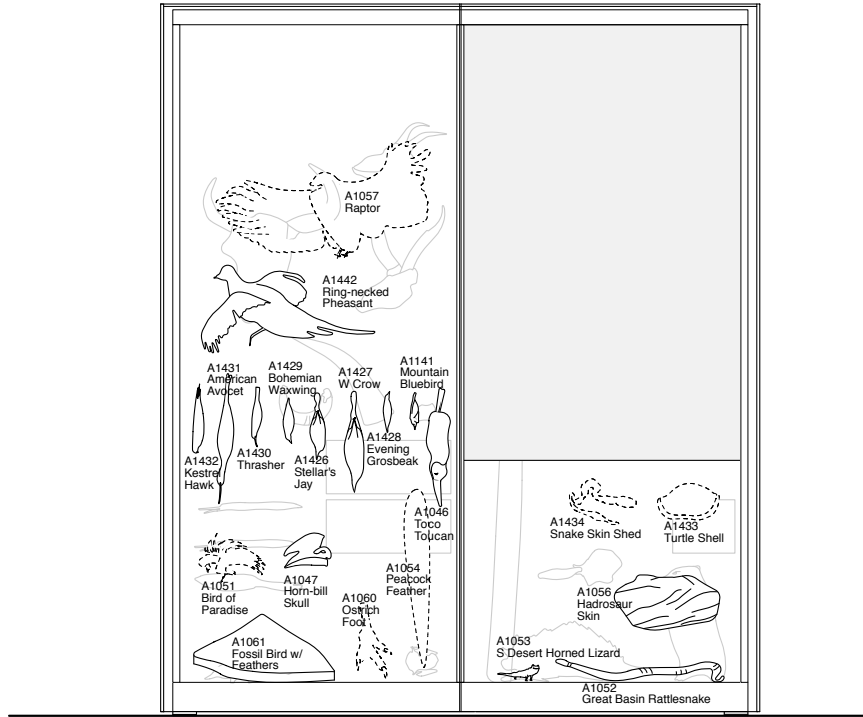
1 PLAN
SCALE: 3/4"= 1'-0"



2 ELEVATION
SCALE: 3/4"= 1'-0"



3 ELEVATION
SCALE: 3/4"= 1'-0"



4 ELEVATION
SCALE: 3/4"= 1'-0"

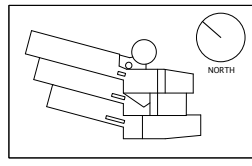
NOTE:
1. SEE X-TYP-1.00 FOR GLASS CASE SCHEDULE AND TYP. CASE DWGS FOR BRACKET & PANEL DTLS
2. SEE CASEWORK SPECIFICATIONS

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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshkek Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstion Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBi Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

FD WS3	Oct.16, 2008
--------	--------------

No. / Issue Name / Date

Sheet Title
Exhibit Case Layouts
LF2.E03.ca01

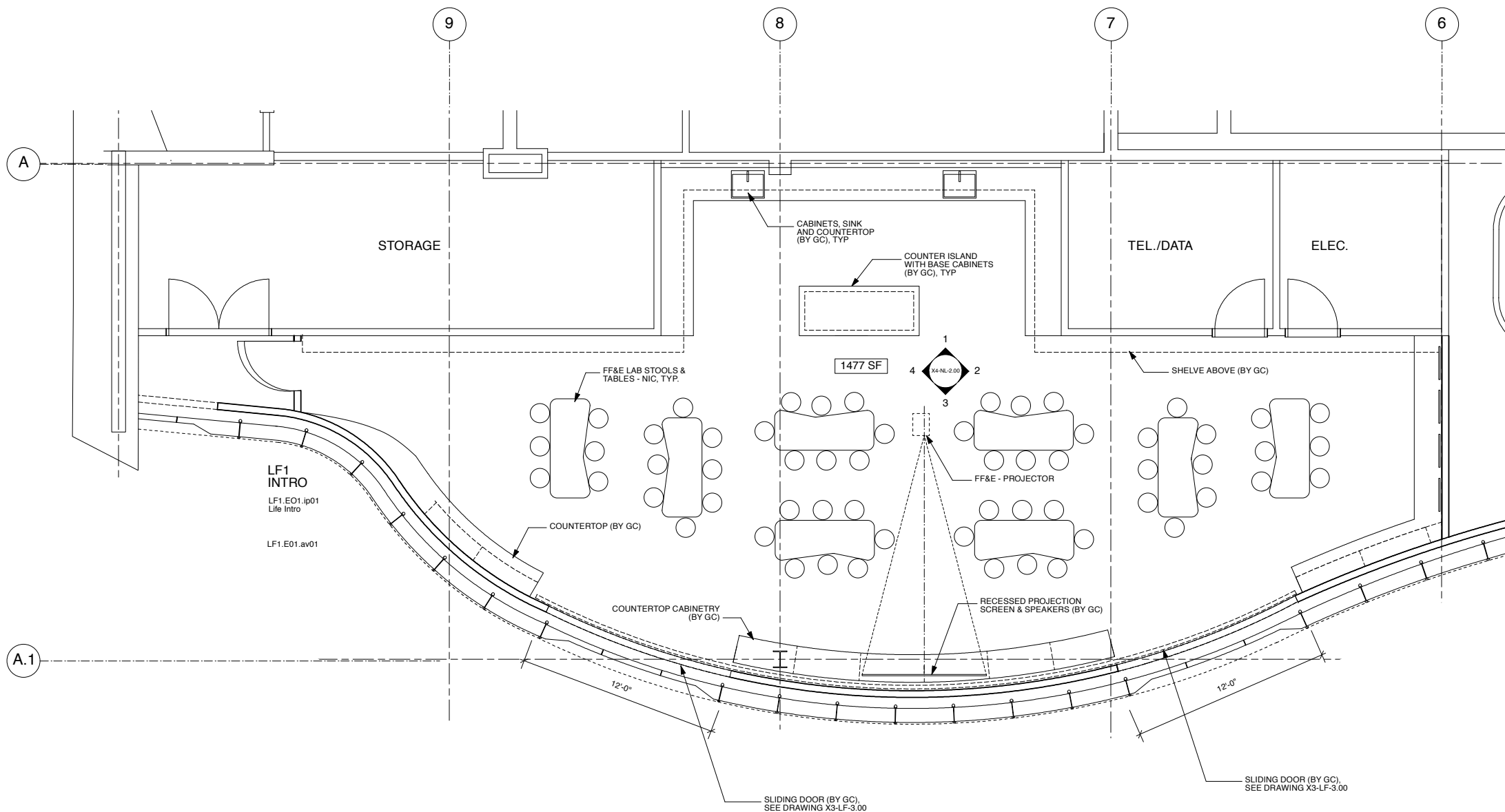
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Nov. 3, 2008

Scale*
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Project No.
0275

Sheet No.

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

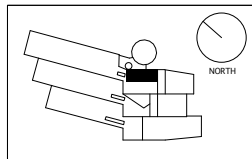


UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospect Avenue Park City, Utah 84060 435.655.0915 tel.	Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

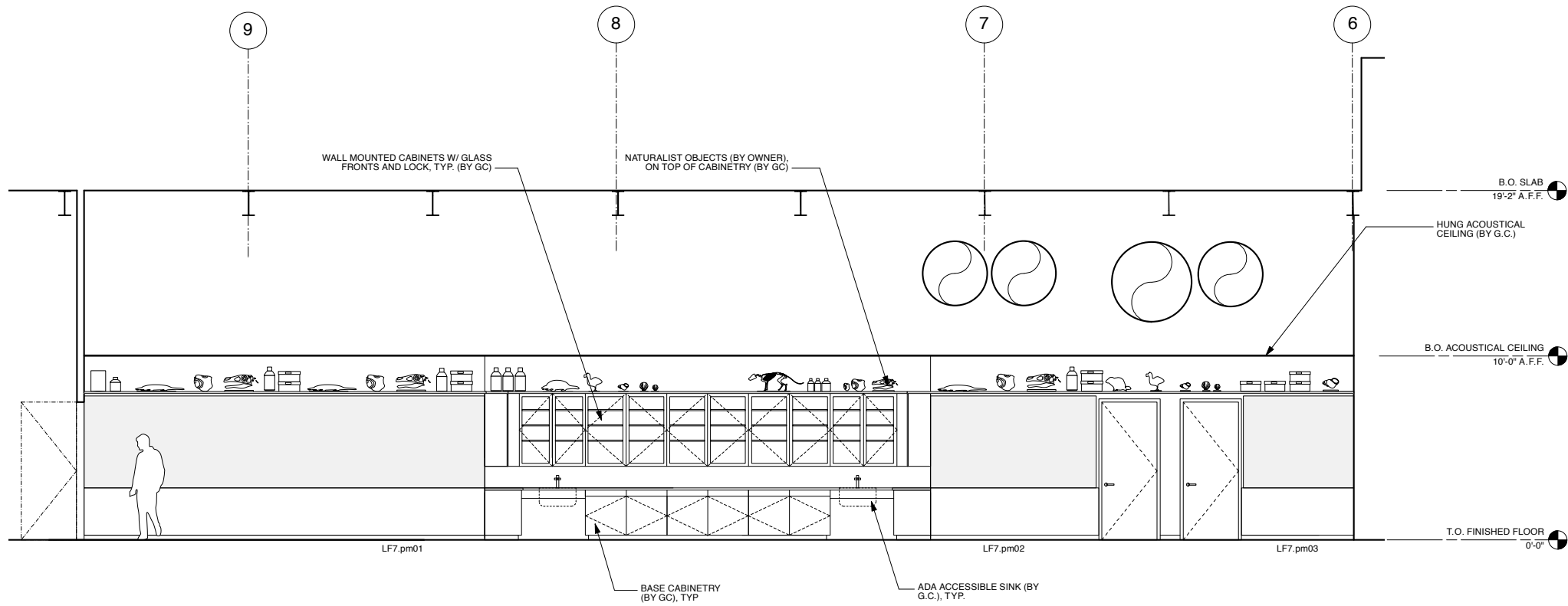
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 4 Partial Plan:
Naturalist Lab**

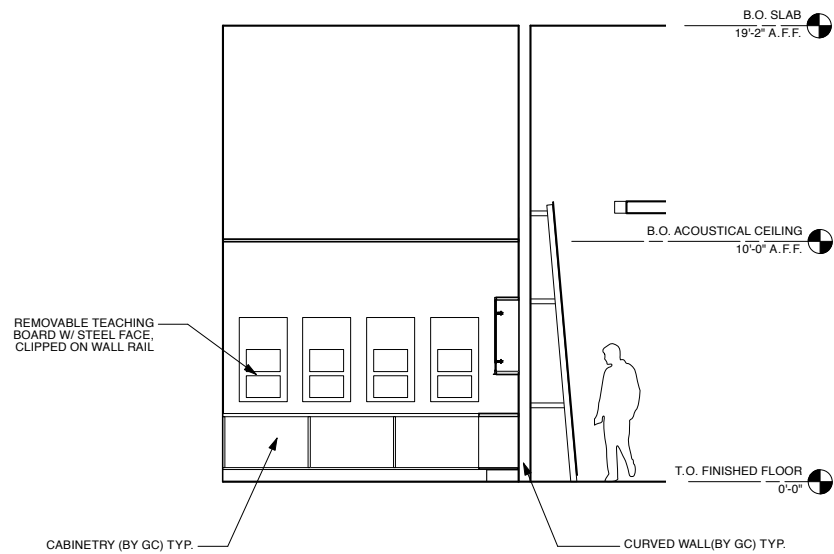
Date	Project No.
Feb. 6, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X4-NL-1.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



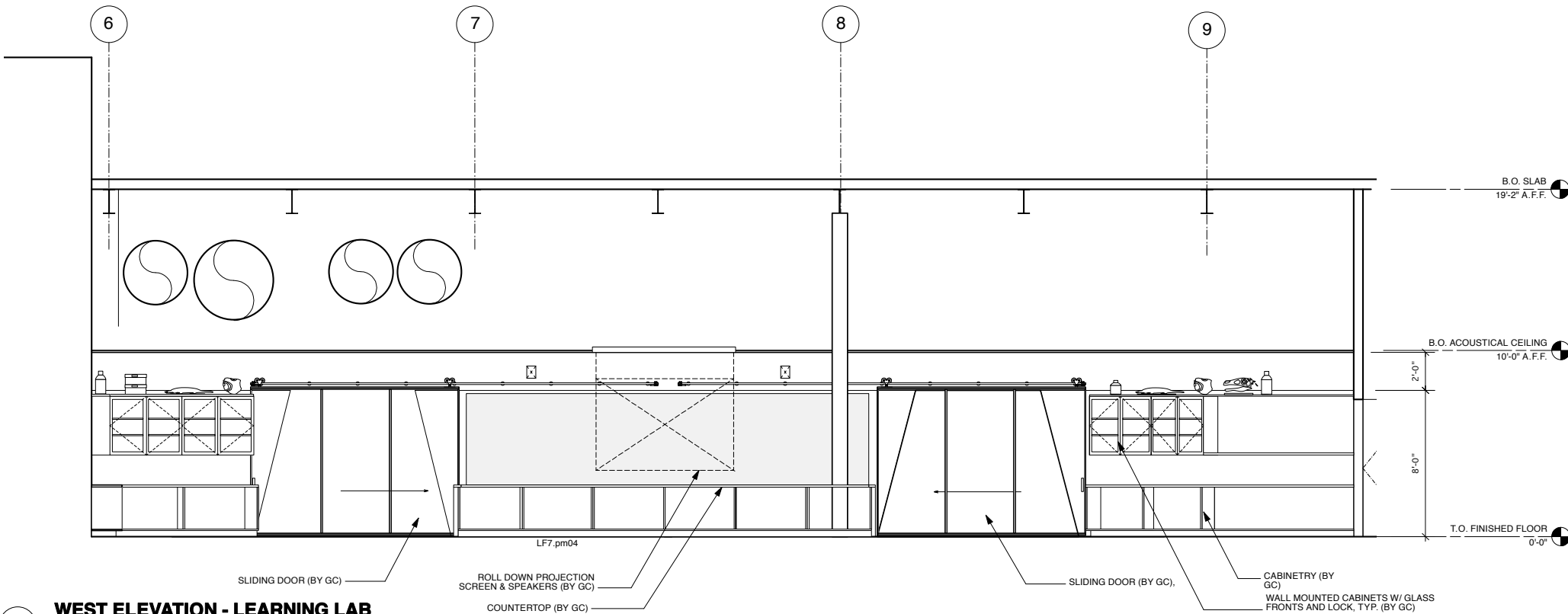
1 EAST ELEVATION - LEARNING LAB

SCALE: 1/4"= 1'-0"



3 LEARNING LAB SECTION ALONG COLUMN LINE 7

SCALE: 1/4"= 1'-0"



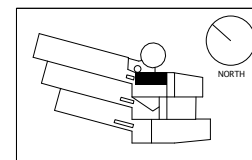
3 WEST ELEVATION - LEARNING LAB

SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

Sheet Title
Naturalist Lab
Sections/Elevations

Date
Dec. 19, 2008

Scale*
1/4"=1'-0"

Project No.
0275

Sheet No.

X4-NL-2.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

Owner

UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Design Architect

Polshak Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Architect of Record

Gillies Stransky Bruns Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer

Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer

Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel

Electrical/AV Engineer

Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel

Landscape Architect

Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting

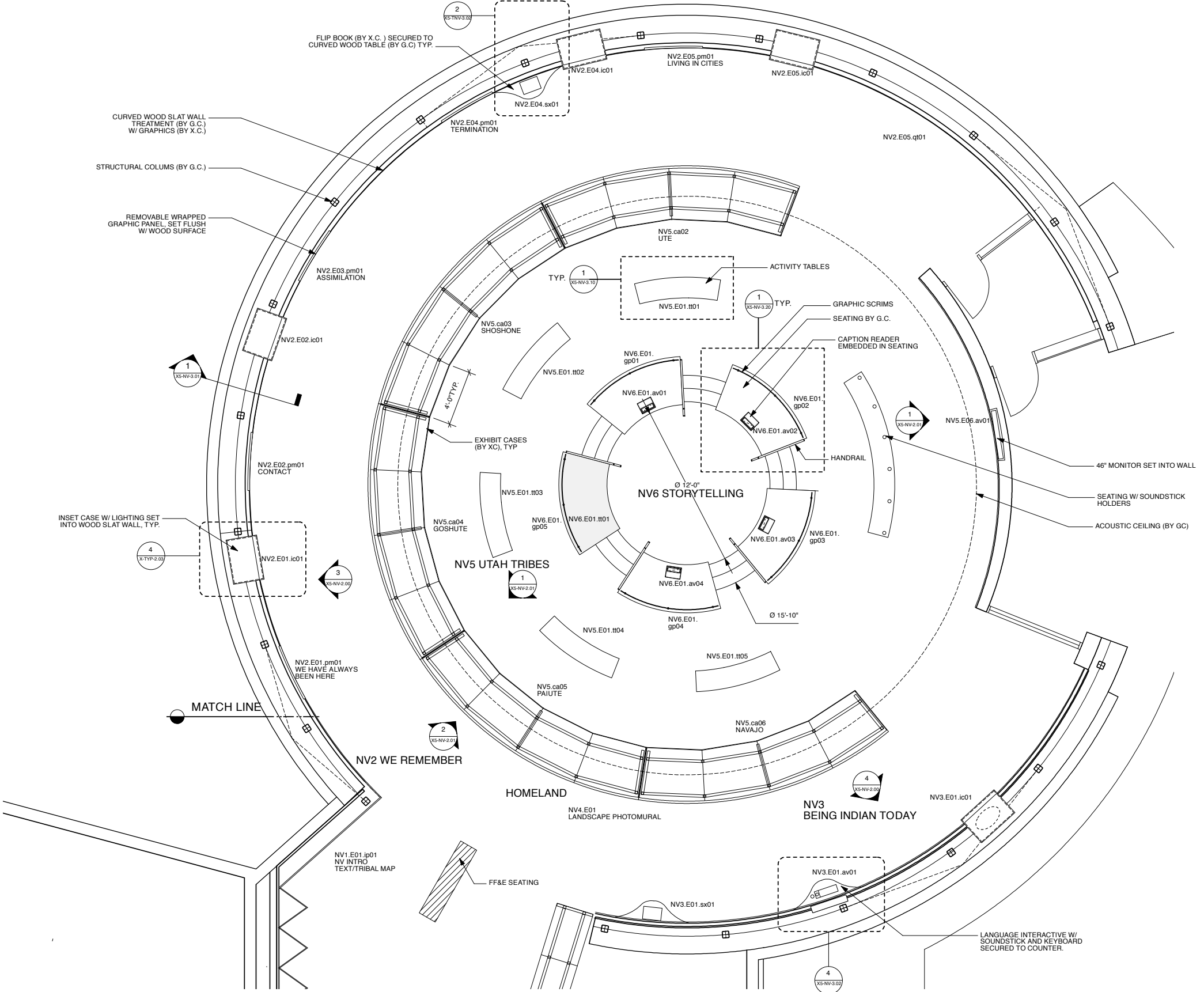
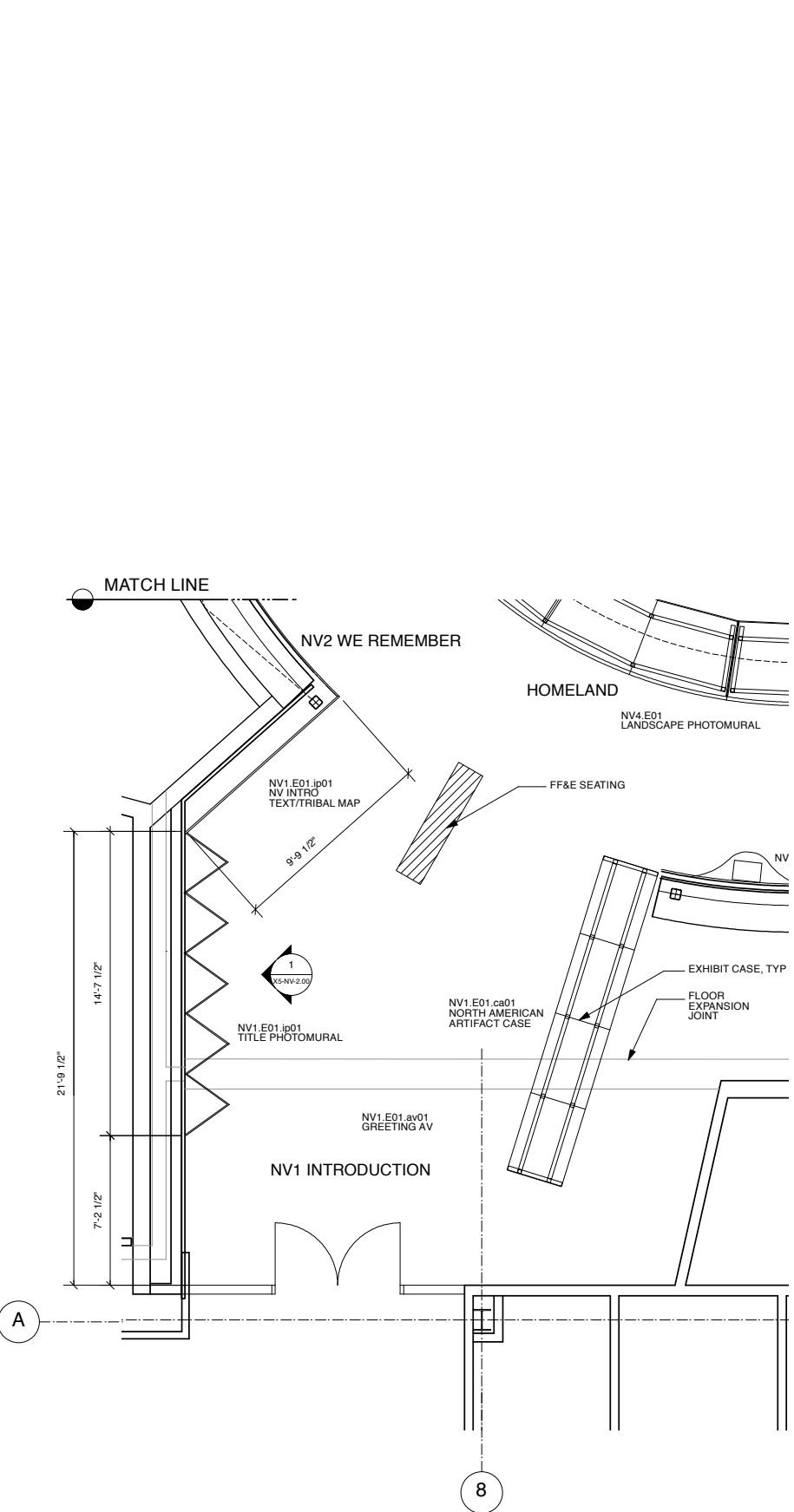
Branstor Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual

BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415.685.9555 tel.

Exhibition Planner and Designer

Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.

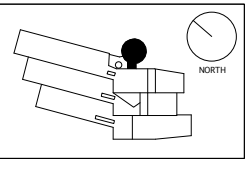


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Exhibit Construction

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FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

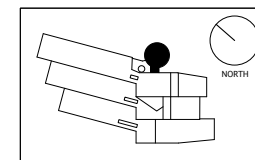
Sheet Title	Project No.
Level 5 Partial Plan: Native Voices Observatory	0275
Date	Sheet No.
Dec. 19, 2008	X5-NV-1.00
Scale*	
1/4"=1'-0"	

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
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WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Sections & Elevations:
Native Voices Observatory

Date
Project No.

Dec. 19, 2008

Scale* Sheet No.

1/4"=1'-0"

Project No.

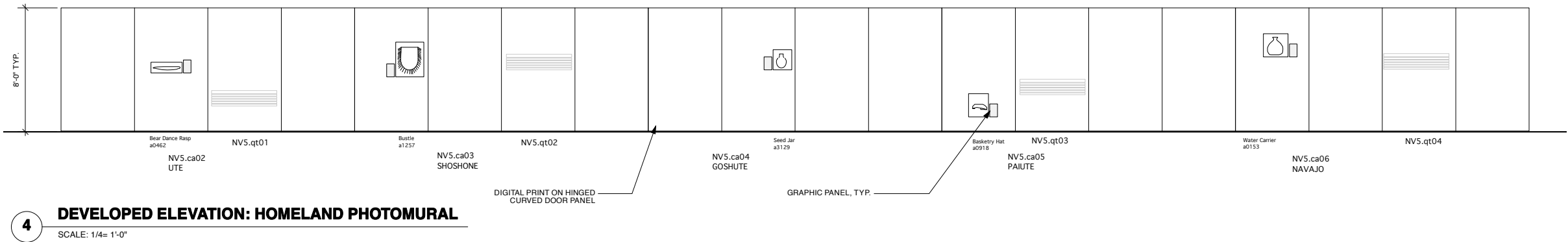
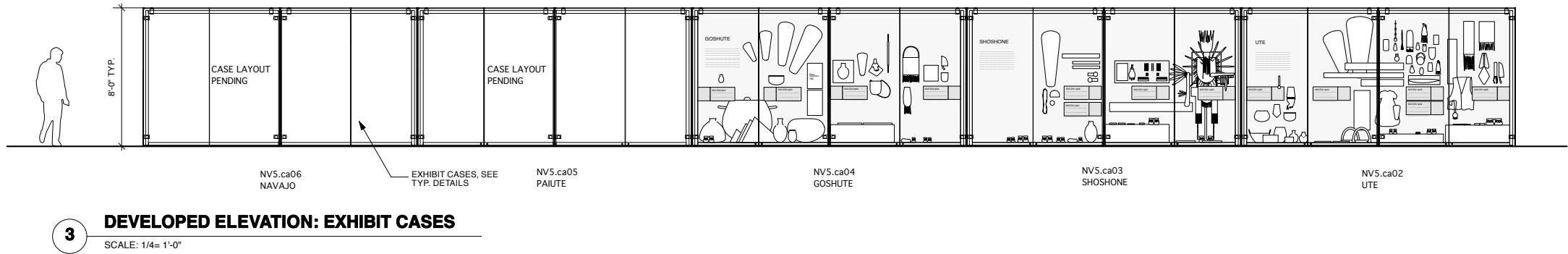
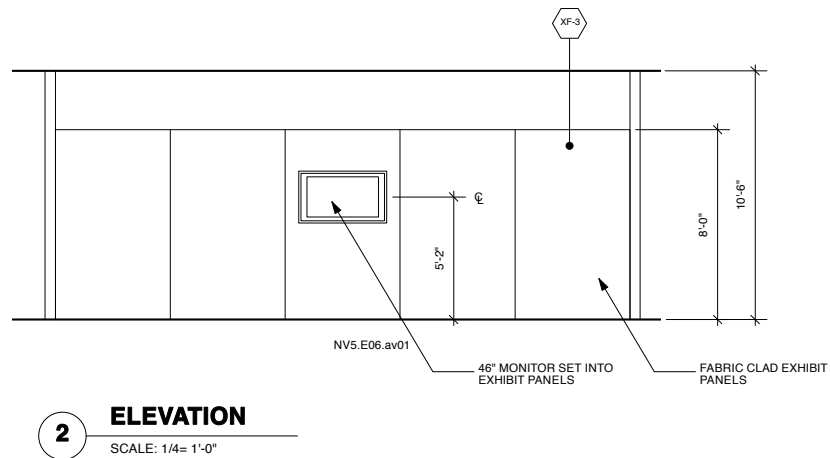
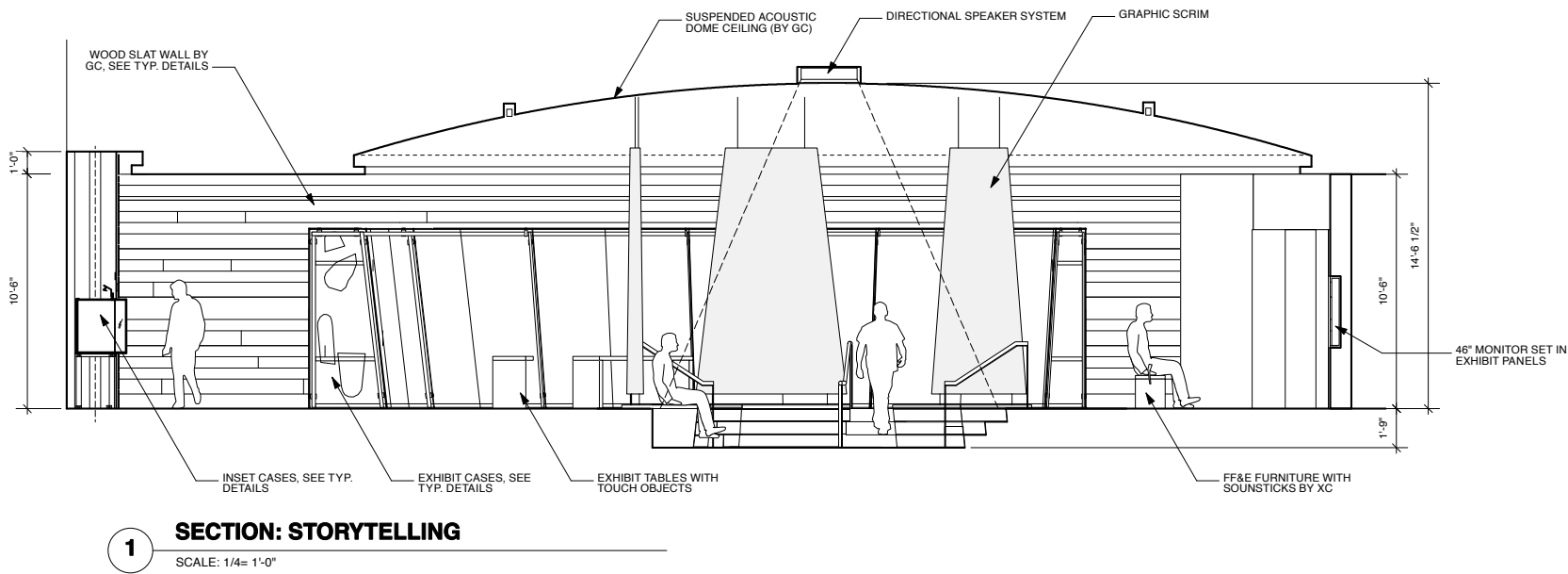
0275

Sheet No.

VE NV

X5-NV-2.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



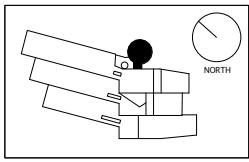
NOTE:
1. OBJECTS SHOWN REPERESNT DATABASE
QUANTITIES.
2. CASE LAYOUT PENDING DEVELOPMENT OF
CONTENT OUTLINE.
3. CONTRACTOR TO ALLOW FOR 40 SUPPORT
BRACKETS PER CASE.

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UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.561.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 244 West 300 North Salt Lake City, Utah 84103 801.322.2400 tel.	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel.	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branstor Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 80% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007
No. / Issue Name / Date	

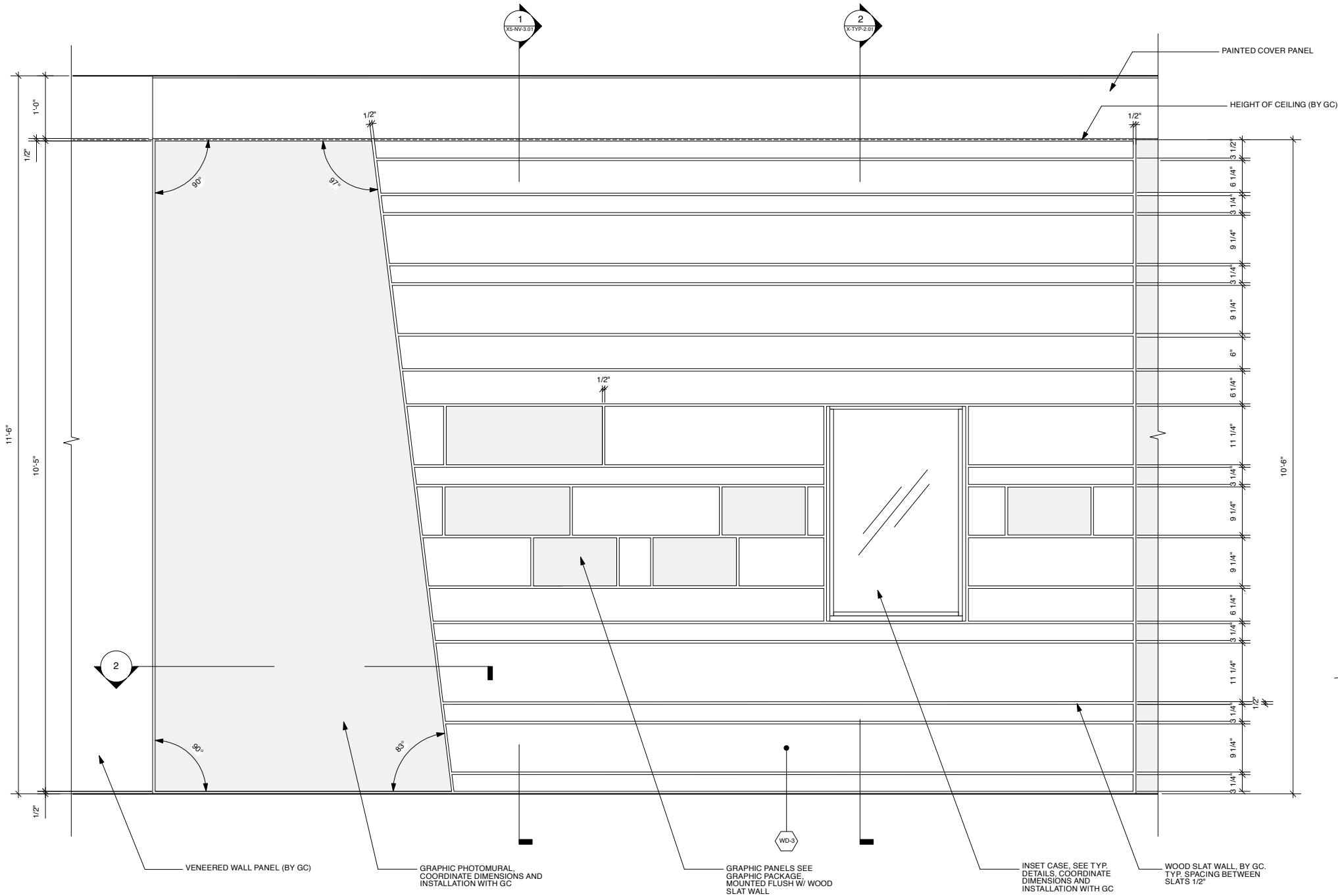
80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sections & Elevations: Native Voices Observatory

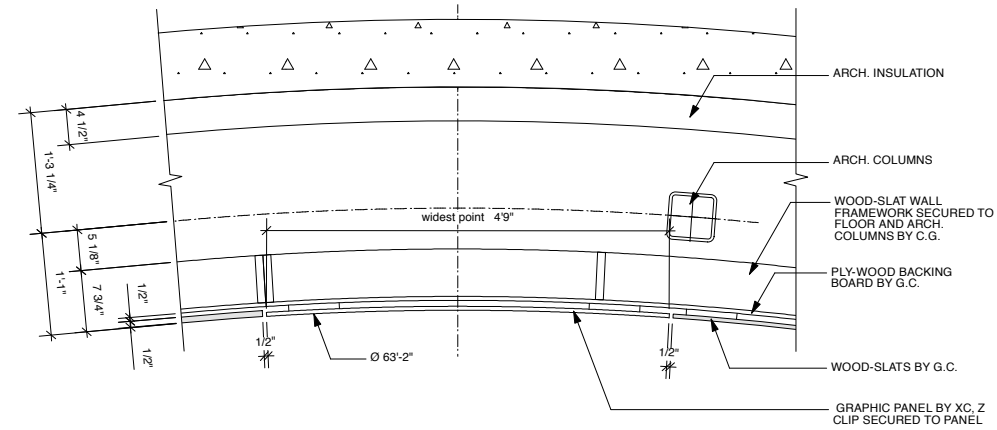
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	

X5-NV-2.01

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 SECTION: WE REMEMBER WALL
SCALE: 1"= 1'-0"



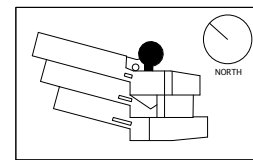
2 TYP. DETAIL PLAN: INSET PANEL
SCALE: 1"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Exhibit Construction



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No. / Issue Name / Date	

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

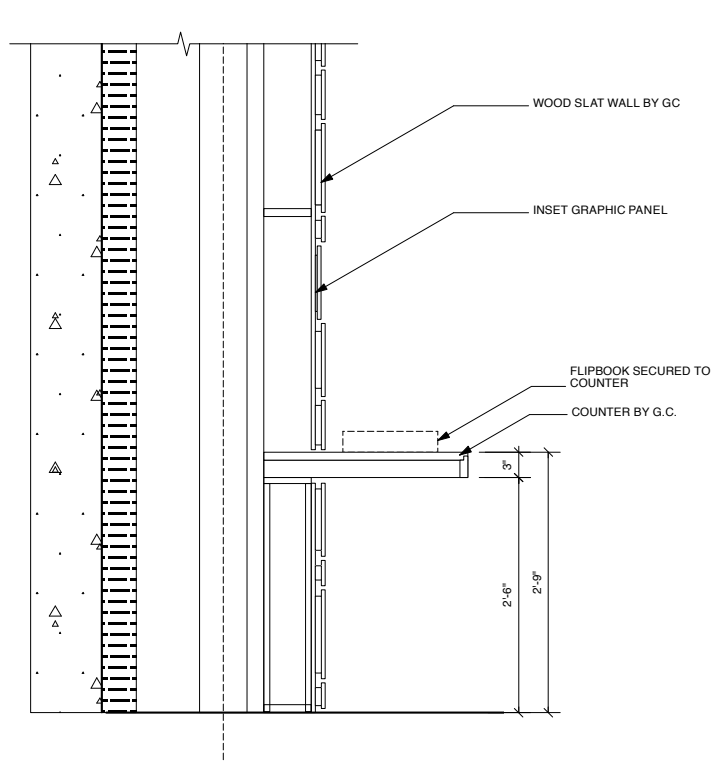
Sheet Title	
Level 5 Details: Native Voices Observatory	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X5-NV-3.00
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")	



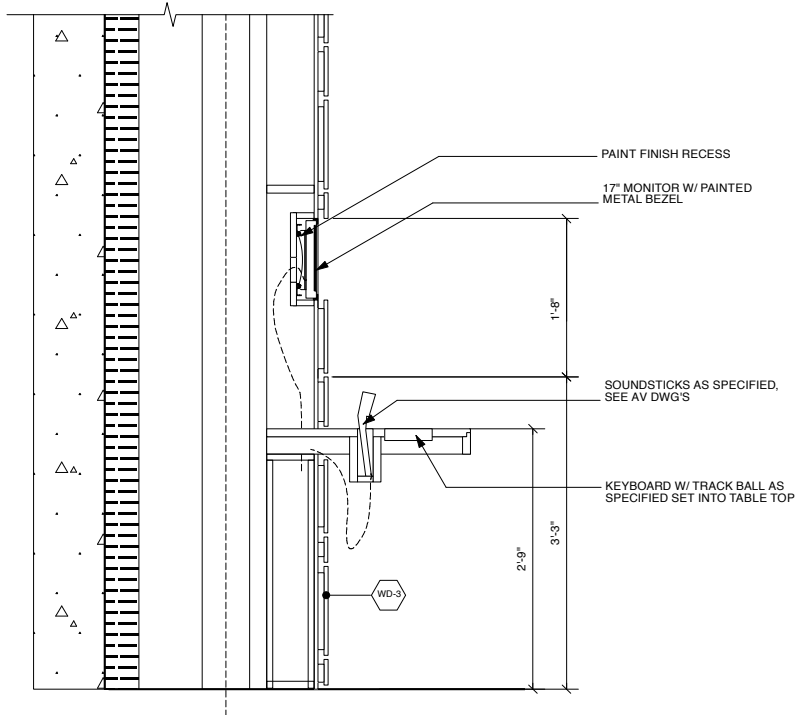
1. X.C. TO CONFIRM WOODSAT WALL FIELD CONDITIONS PRIOR TO SHOPDRAWINGS AND FABRICATION OF GRAPHIC PANELS AND INSET CASES.

2. SEE CASE AND GRAPHIC PANEL SCHEDULES FOR ADDITIONAL INFO.

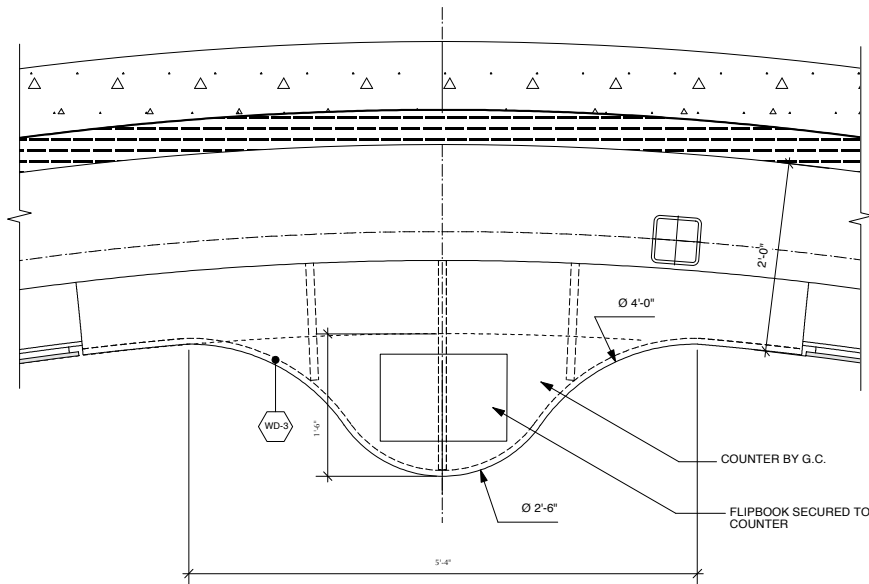
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



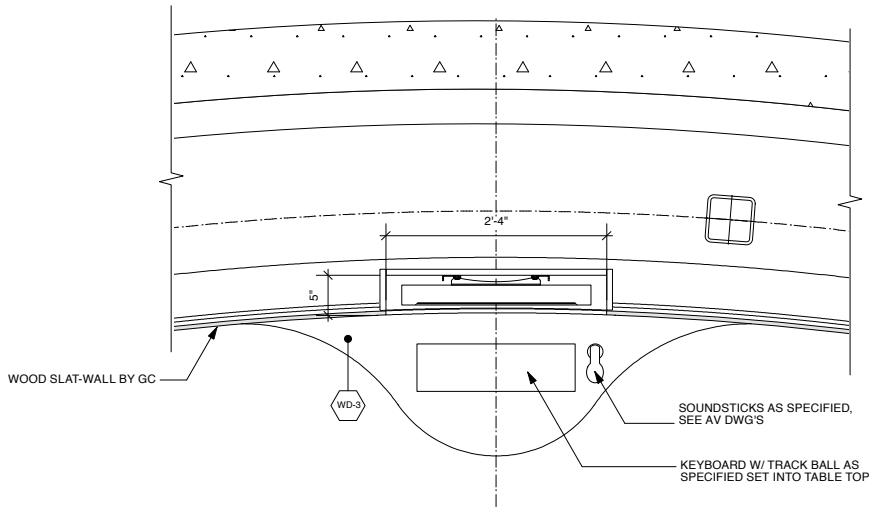
1 TYP. DETAIL SECTION: SHELF
SCALE: 1"= 1'-0"



3 TYP. DETAIL SECTION: INSET AV MONITOR
SCALE: 1"= 1'-0"



2 TYP. DETAIL PLAN: SHELF
SCALE: 1"= 1'-0"



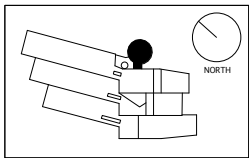
4 TYP. DETAIL PLAN: INSET AV MONITOR
SCALE: 1"= 1'-0"

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Exhibit Construction



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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 5 Details:
Native Voices Observatory**

Date
Dec. 19, 2008

Project No.
0275

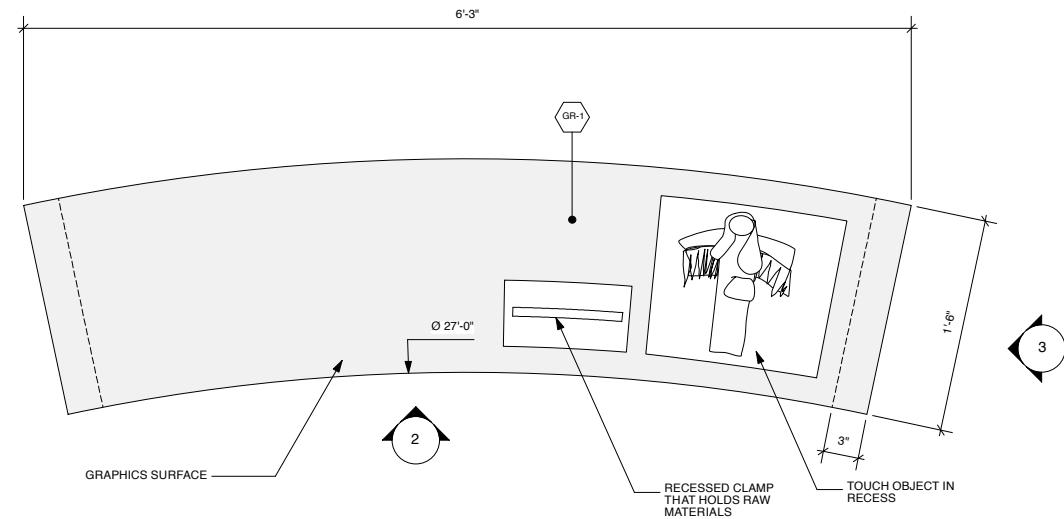
Scale*

1/4"=1'-0"

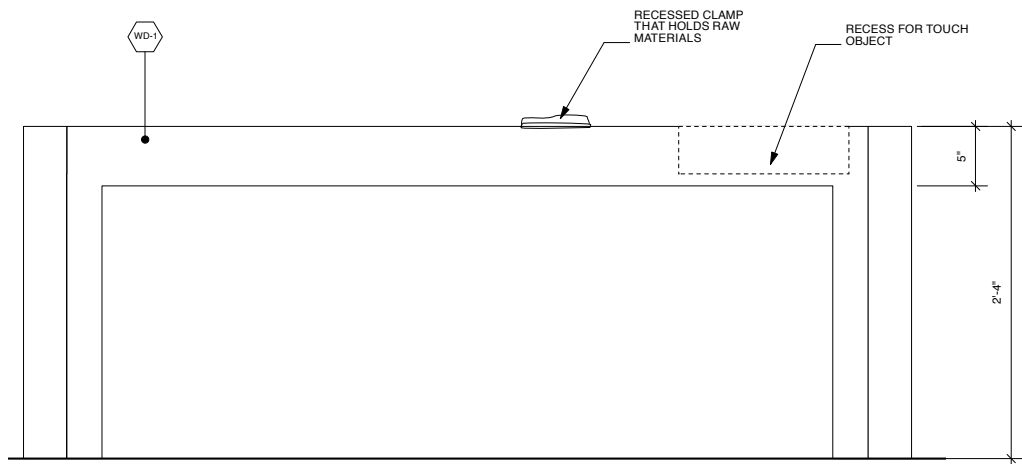
Sheet No.

X5-NV-3.02

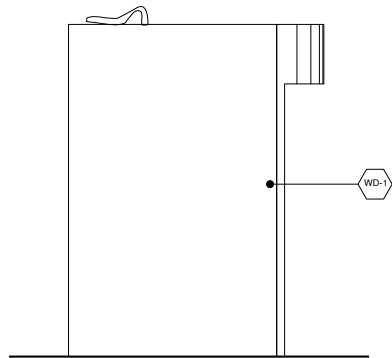
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



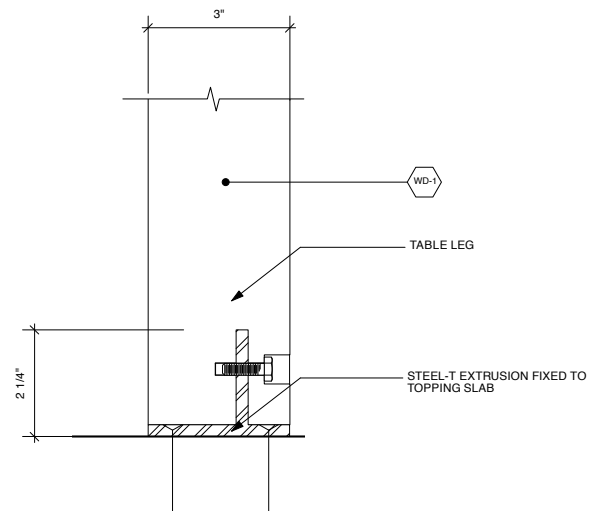
1 PLAN: TYP. ACTIVITY TABLE
SCALE: 1-1/2 = 1'-0"



2 FRONT ELEVATION: TYP. ACTIVITY TABLE
SCALE: 1-1/2 = 1'-0"



3 SIDE ELEVATION: TYP. ACTIVITY TABLE
SCALE: 1-1/2 = 1'-0"



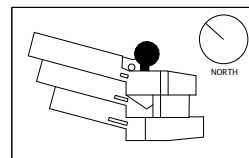
4 LEG DETAIL
SCALE: 1:2

UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Level 5 Details:
Native Voices Observatory**

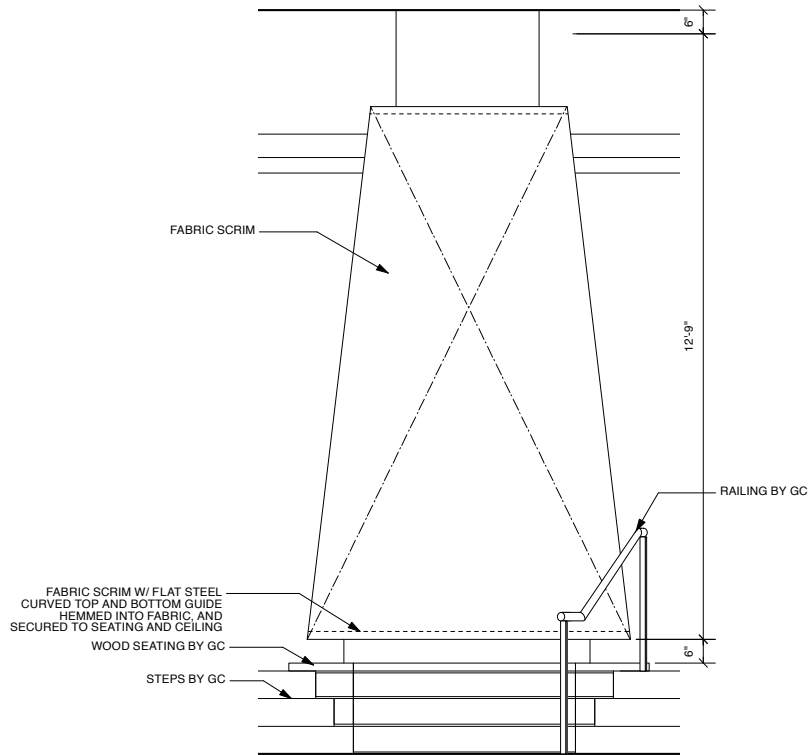
Date
Dec. 19, 2008

Scale*
1/4"=1'-0"

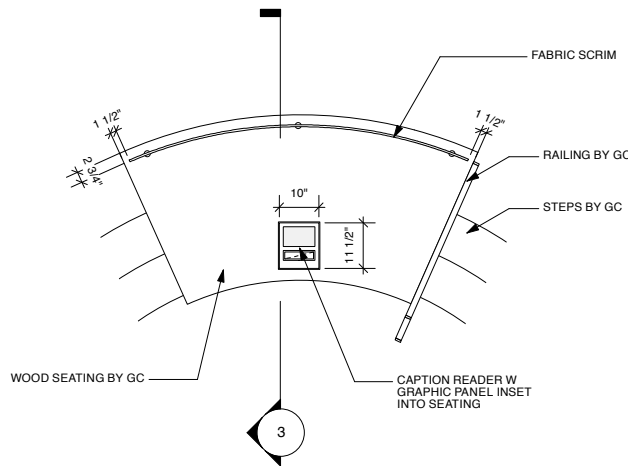
Project No.
0275

Sheet No.
X5-NV-3.10

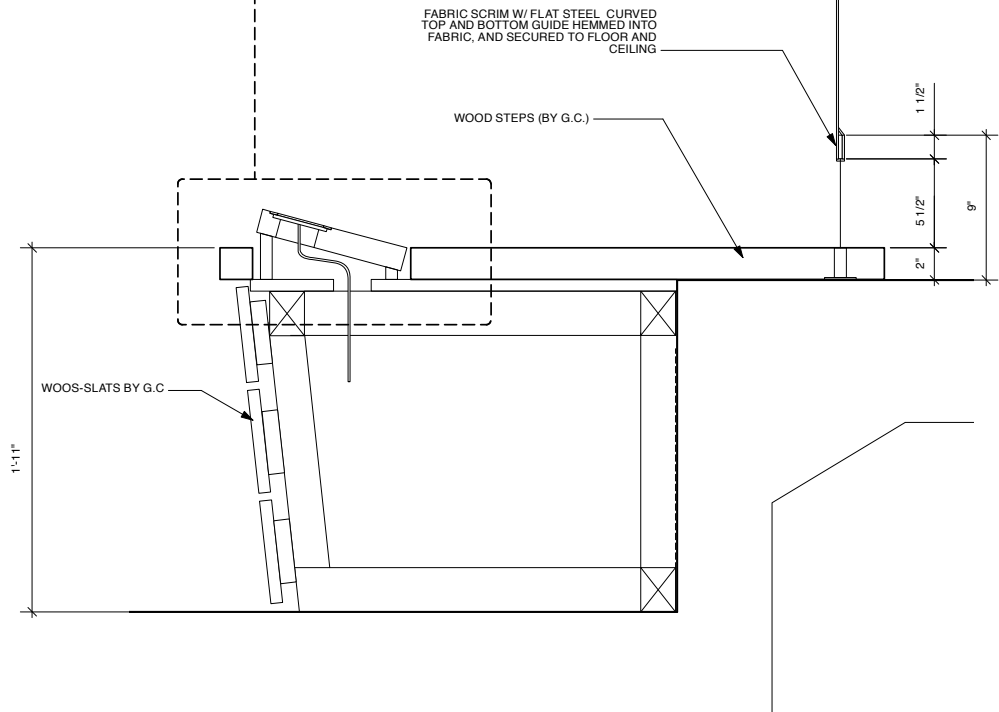
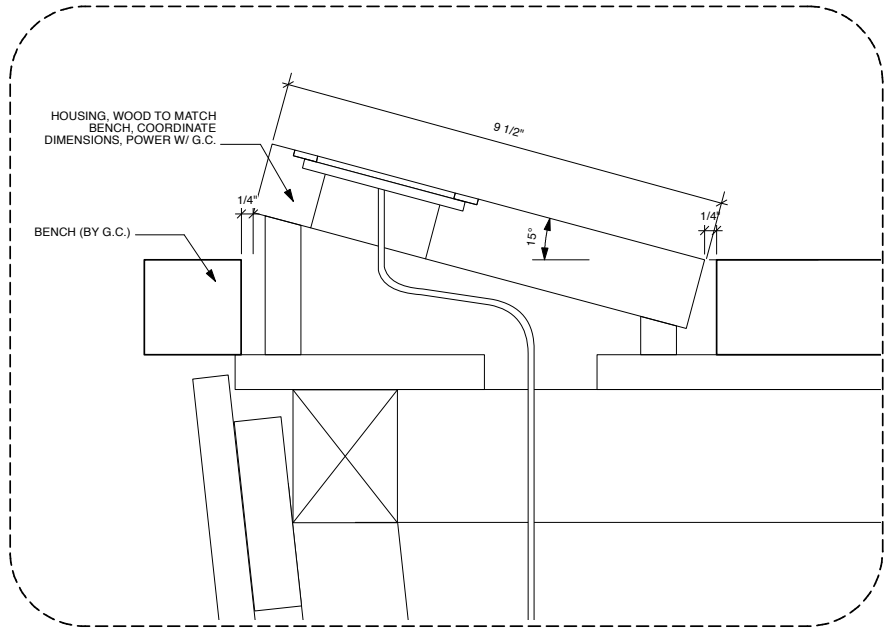
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



2 ELEVATION
SCALE: 1/2"= 1'-0"



1 PLAN
SCALE: 1/2"= 1'-0"

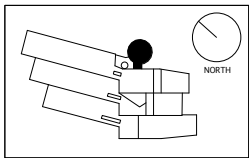


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Exhibit Construction



Key Plan

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No. / Issue Name / Date	

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title	Sections & Elevations: Native Voices Observatory
Date	Dec. 19, 2008
Scale*	1/4"=1'-0"
Project No.	0275
Sheet No.	X5-NV-3.20

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



PLAN



ELEVATION

2

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction



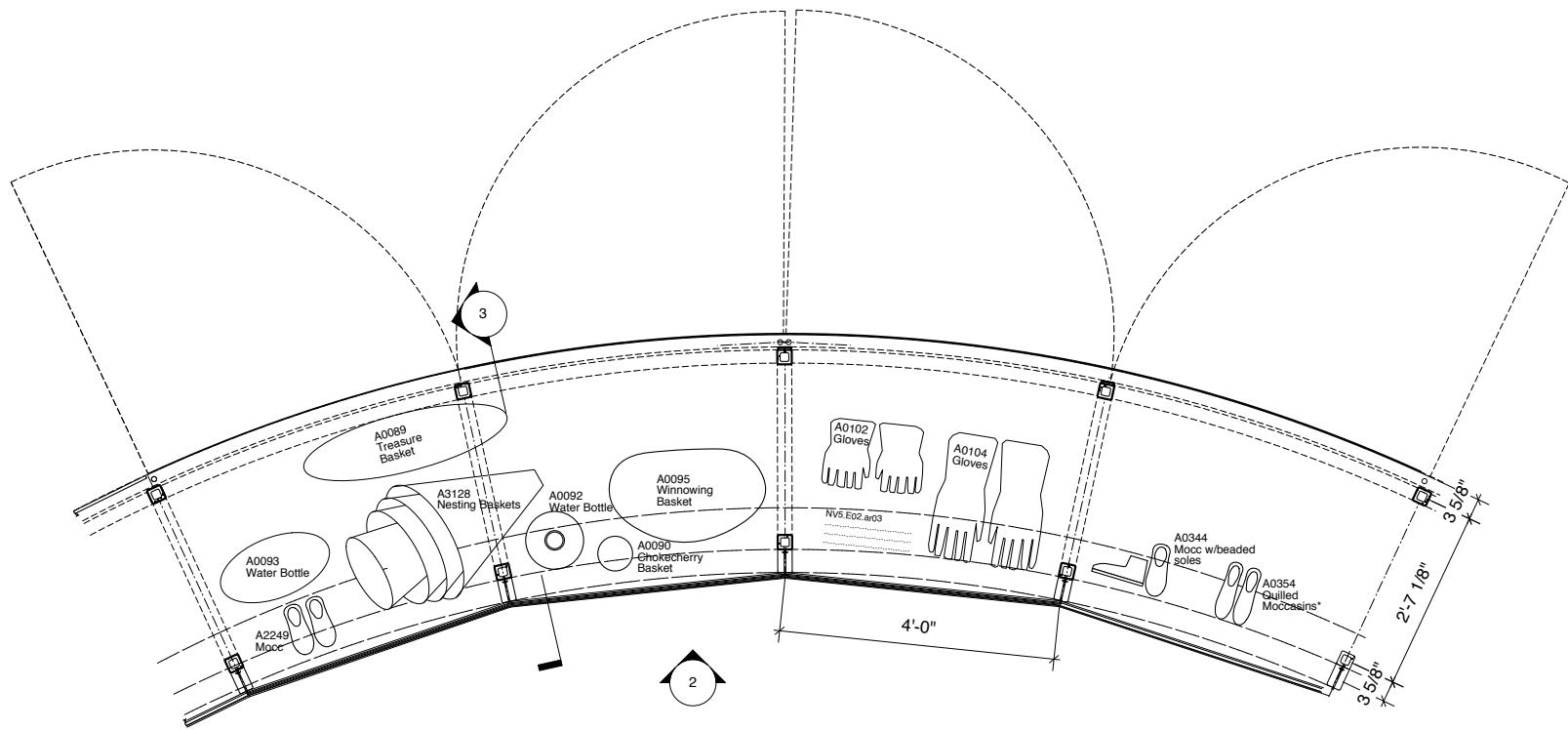
FD WS3 Oct.16, 2008

X5-NV-5.10

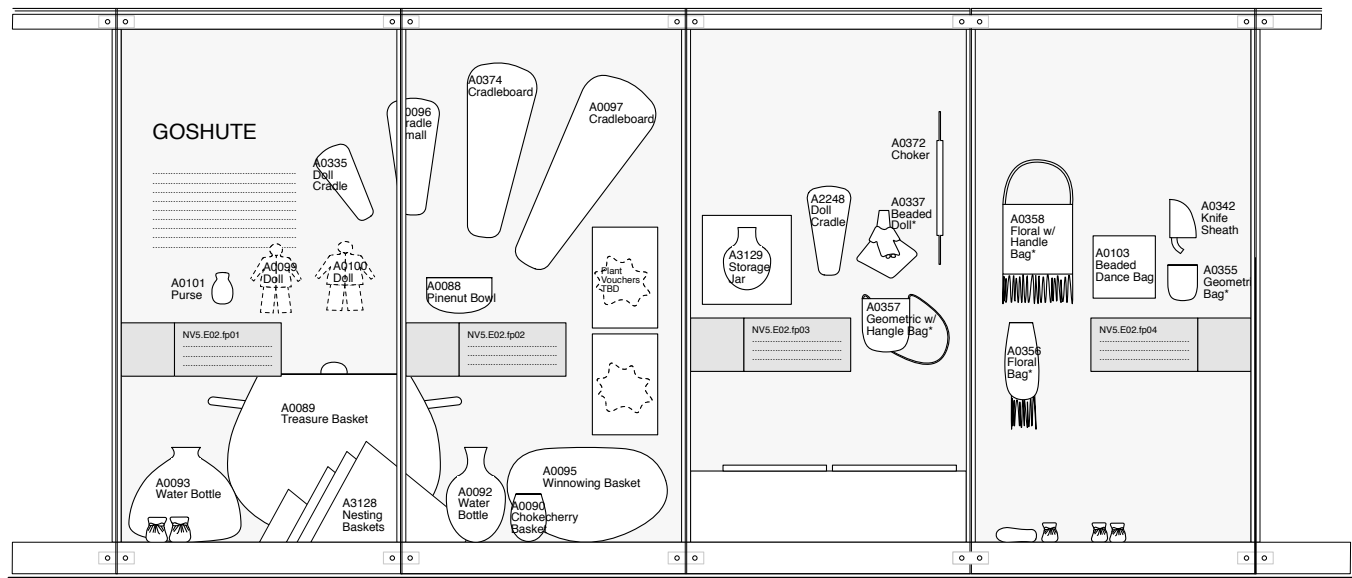
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



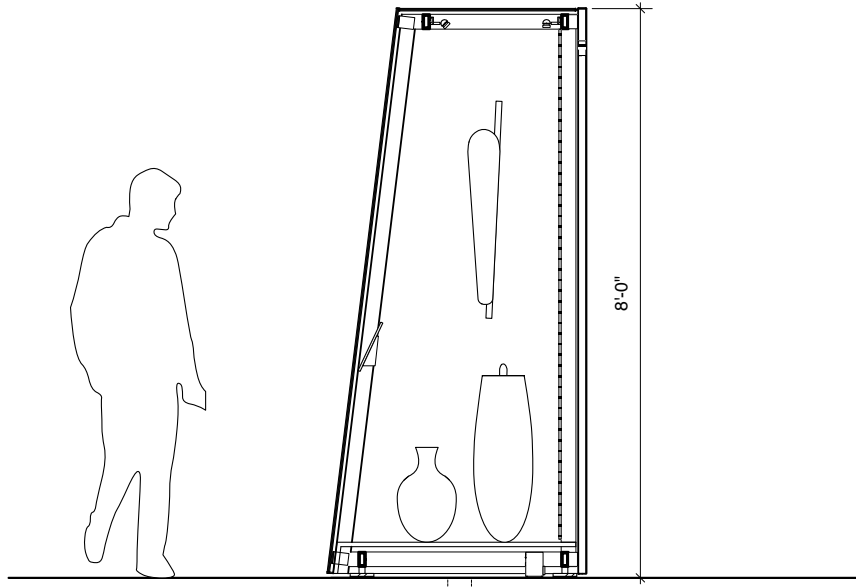
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 PLAN
SCALE: 3/4"= 1'-0"



2 ELEVATION
SCALE: 3/4"= 1'-0"



3 SECTION
SCALE: 3/4"= 1'-0"

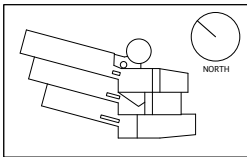
NOTE:
1. SEE X-TYP-1.00 FOR GLASS CASE SCHEDULE AND TYP. CASE DWGS FOR BRACKET & PANEL DTLS
2. SEE CASEWORK SPECIFICATIONS

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

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Exhibit Construction



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WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

FD WS3	Oct.16, 2008
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No. / Issue Name / Date

Sheet Title
Exhibit Case Layouts
NV3.E03.ca04

Date
Nov. 3, 2008

Scale*

3/4"=1'-0"

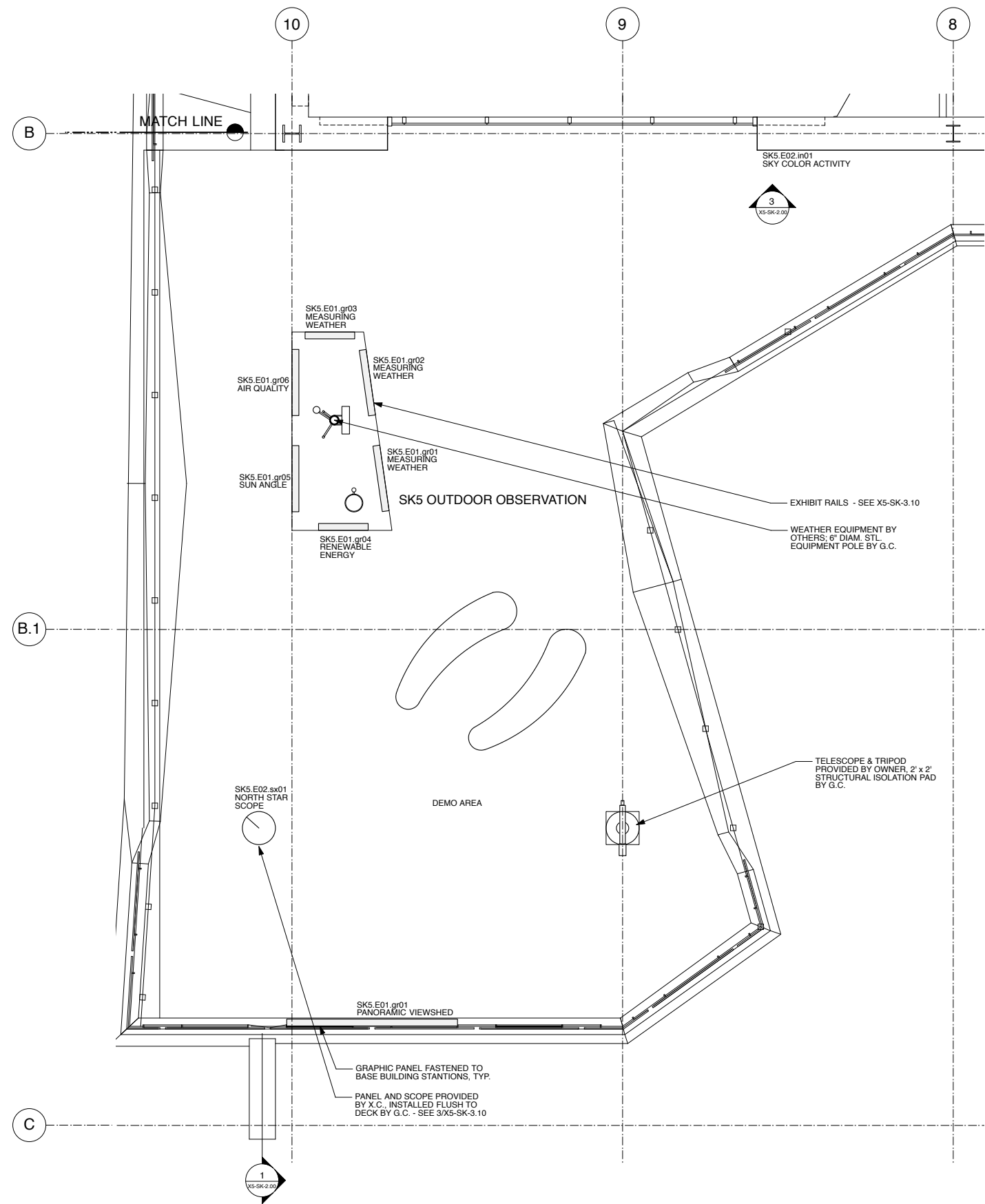
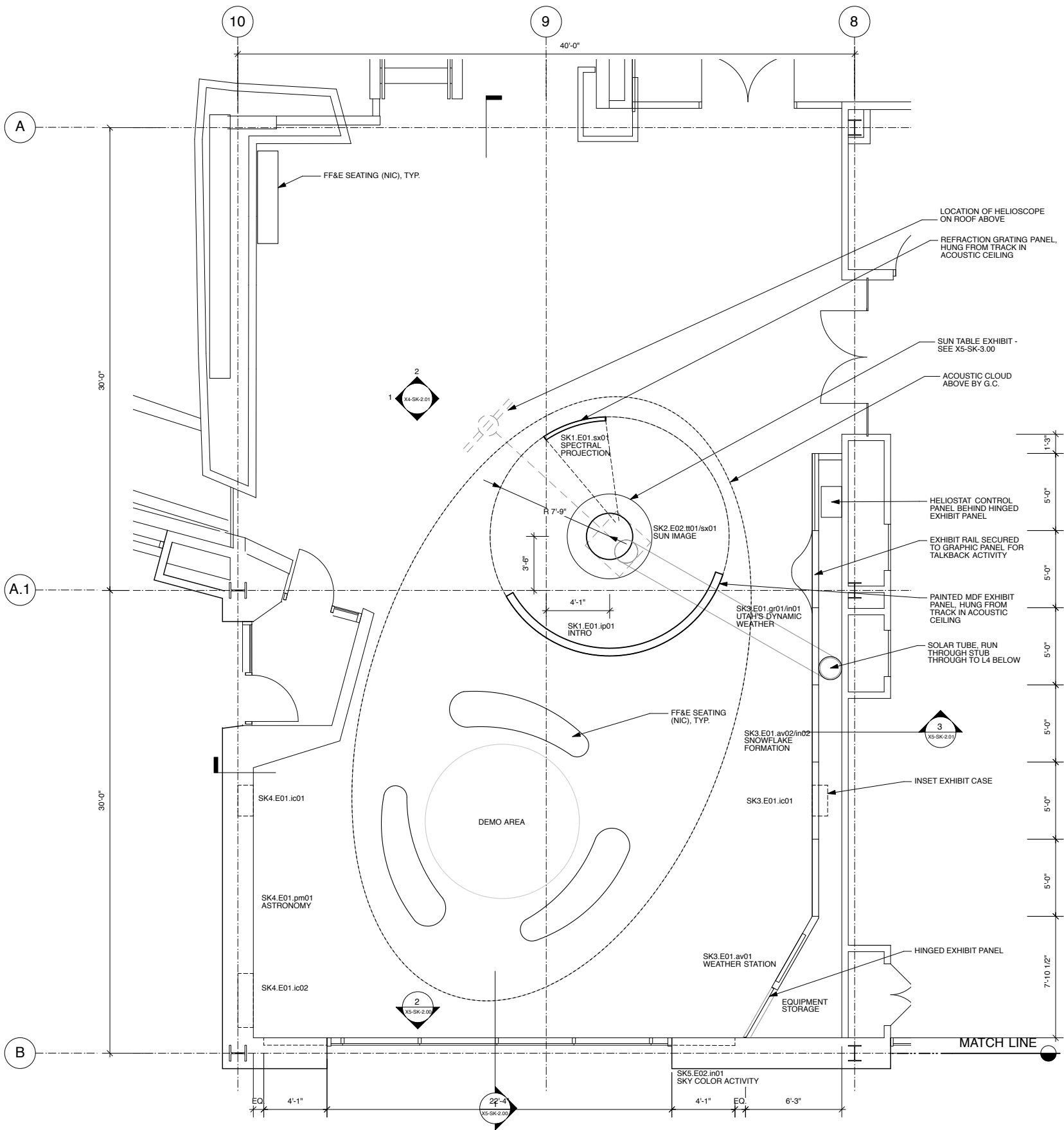
Project No.

0275

Sheet No.

X5-NV-5.40

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

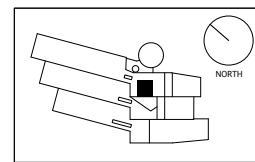


UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Exhibit Construction

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80% FD	Dec.19, 2008
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FD WS3	Oct.16, 2008

No. / Issue Name / Date

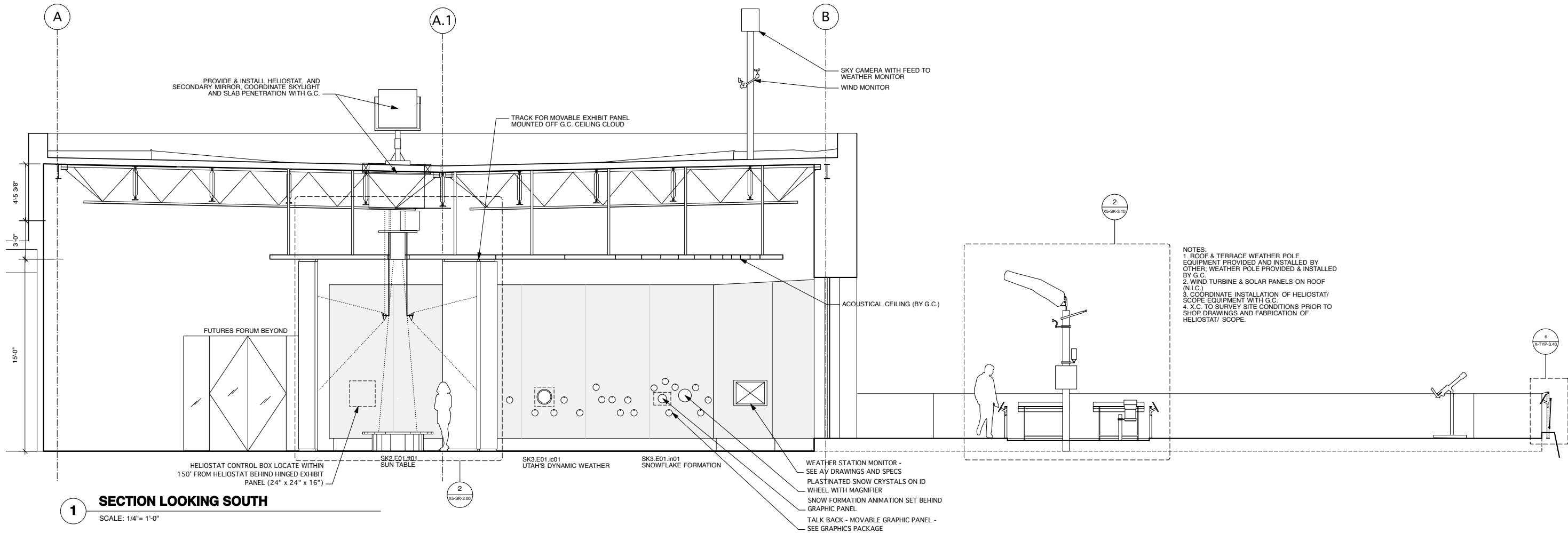
Sheet Title
**Level 5 Partial Plan:
Sky Observatory**

Date
Dec. 19, 2008
Scale*
1/4"=1'-0"

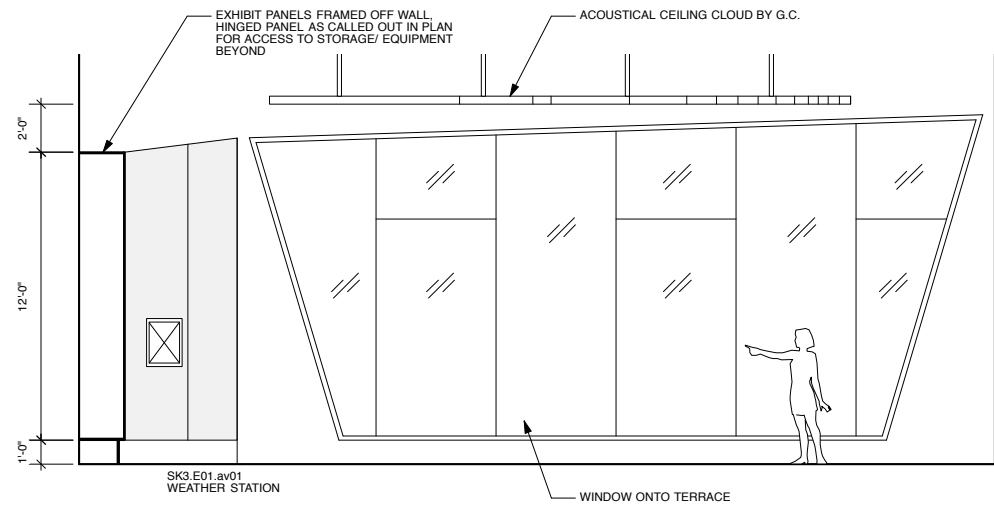
Project No.
0275
Sheet No.

X5-SK-1.00

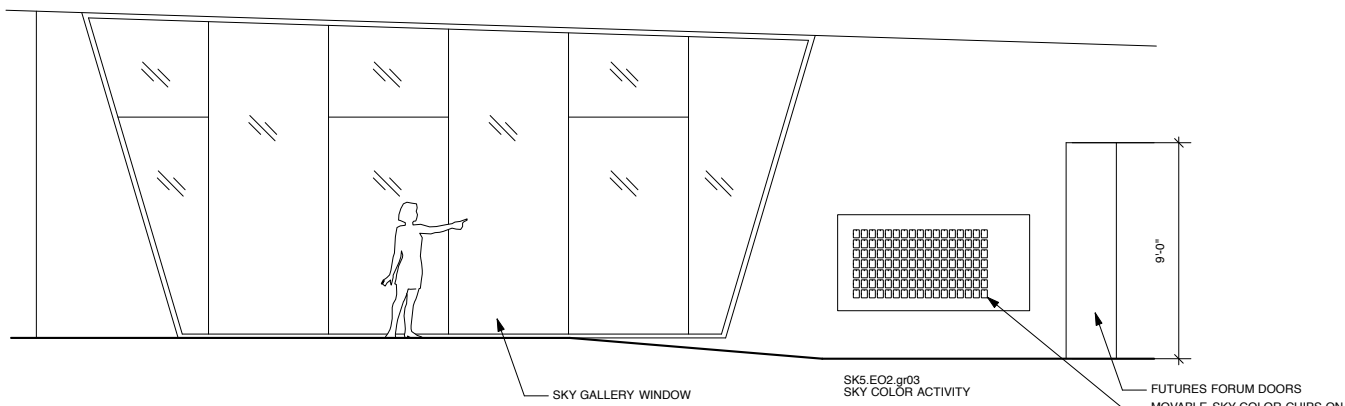
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 SECTION LOOKING SOUTH
SCALE: 1/4"= 1'-0"



2 WEST ELEVATION
SCALE: 1/4"= 1'-0"

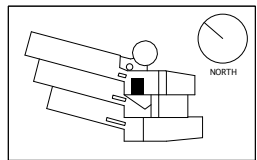


3 EAST ELEVATION - EXTERIOR
SCALE: 1/4"= 1'-0"

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Key Plan

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80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sections & Elevations Sky Observatory

Sheet Title

Date

Scale*

1/4"=1'-0"

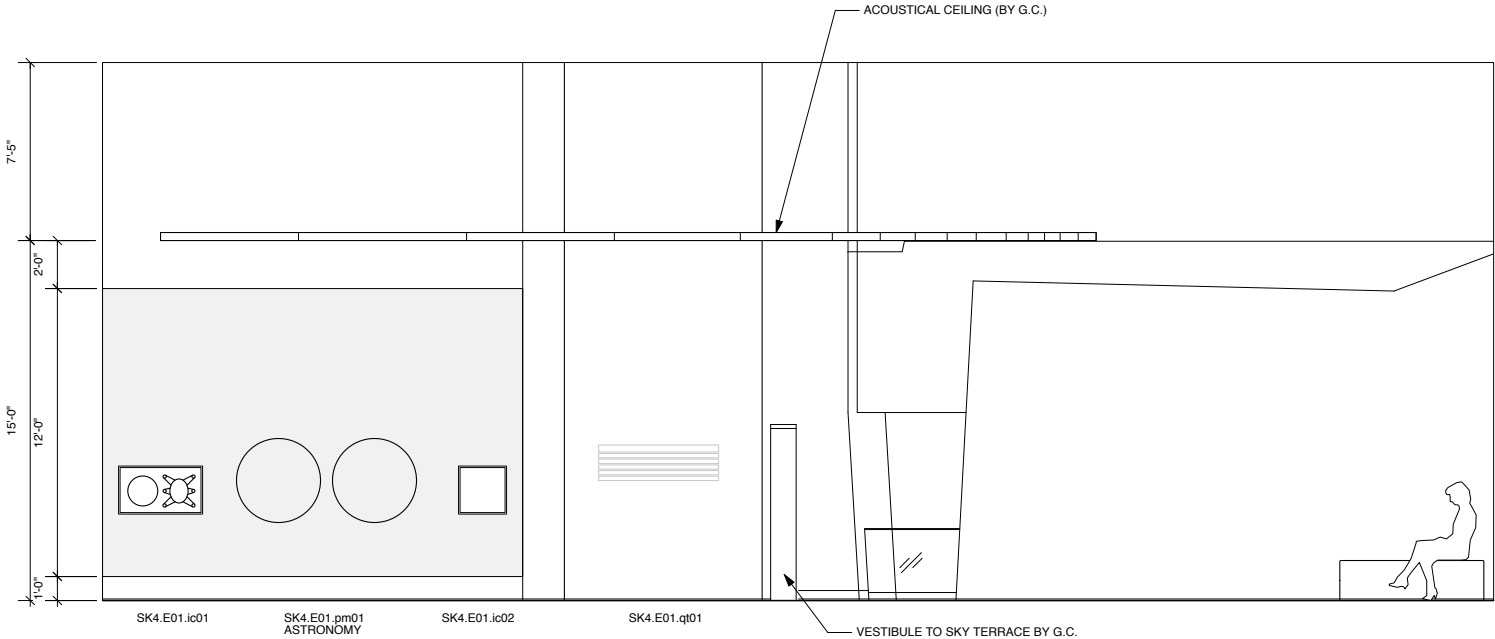
Project No.

0275

Sheet No.

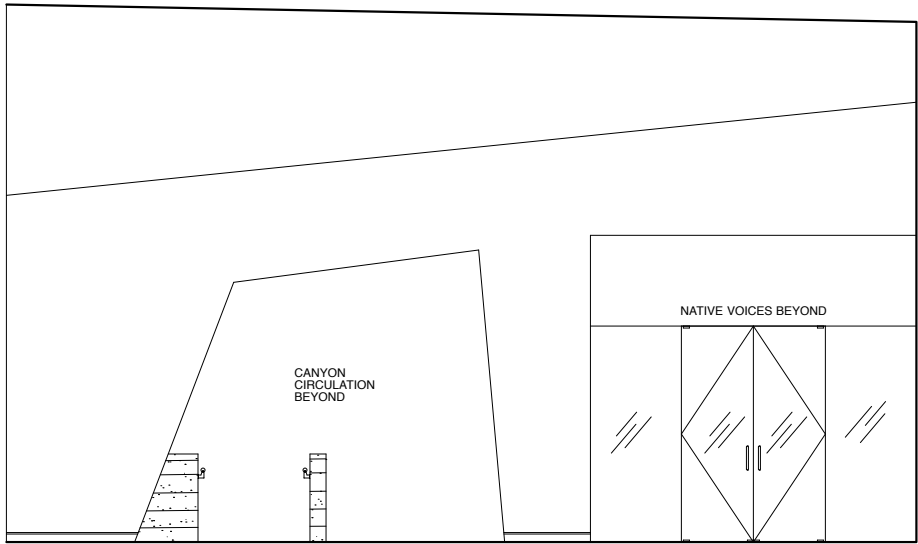
X5-SK-2.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



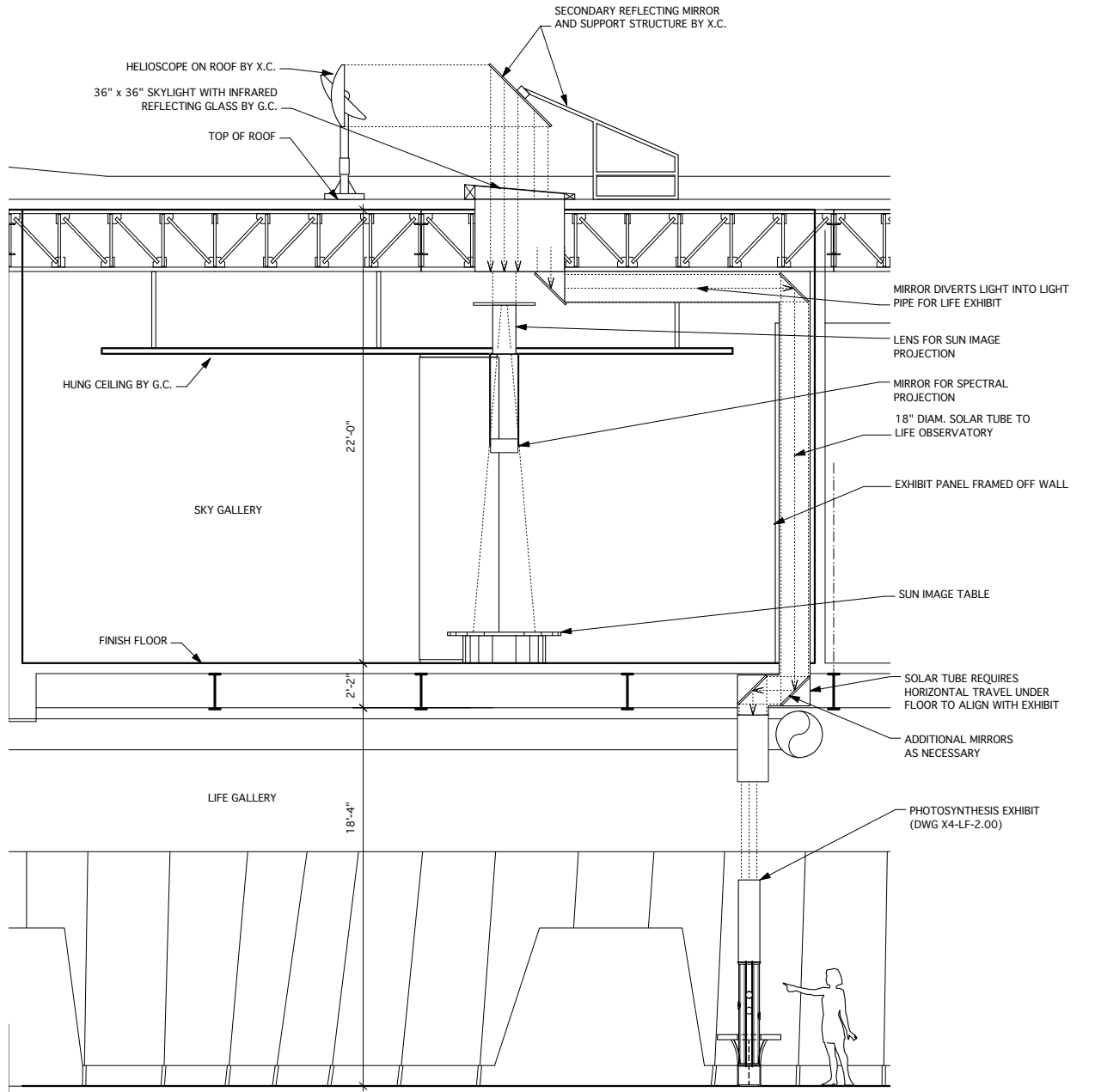
1 NORTH ELEVATION

SCALE: 1/4"= 1'-0"



2 EAST ELEVATION

SCALE: 1/4"= 1'-0"



3 SECTION LOOKING EAST

SCALE: 1/4"= 1'-0"

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner

UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Design Architect

Polshek Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Architect of Record

Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer

Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer

Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel.

Electrical/AV Engineer

Spectrum Engineers
175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel.

Landscape Architect

Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting

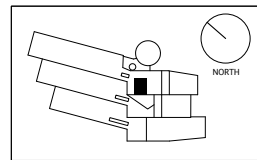
Branton Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual

BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415.685.9555 tel.

Exhibition Planner and Designer

Ralph Appelbaum Associates
88 Pine Street
New York, New York 10005
212.334.8200 tel.



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title

Sections & Elevations Sky Observatory

Date

Dec. 19, 2008

Scale*

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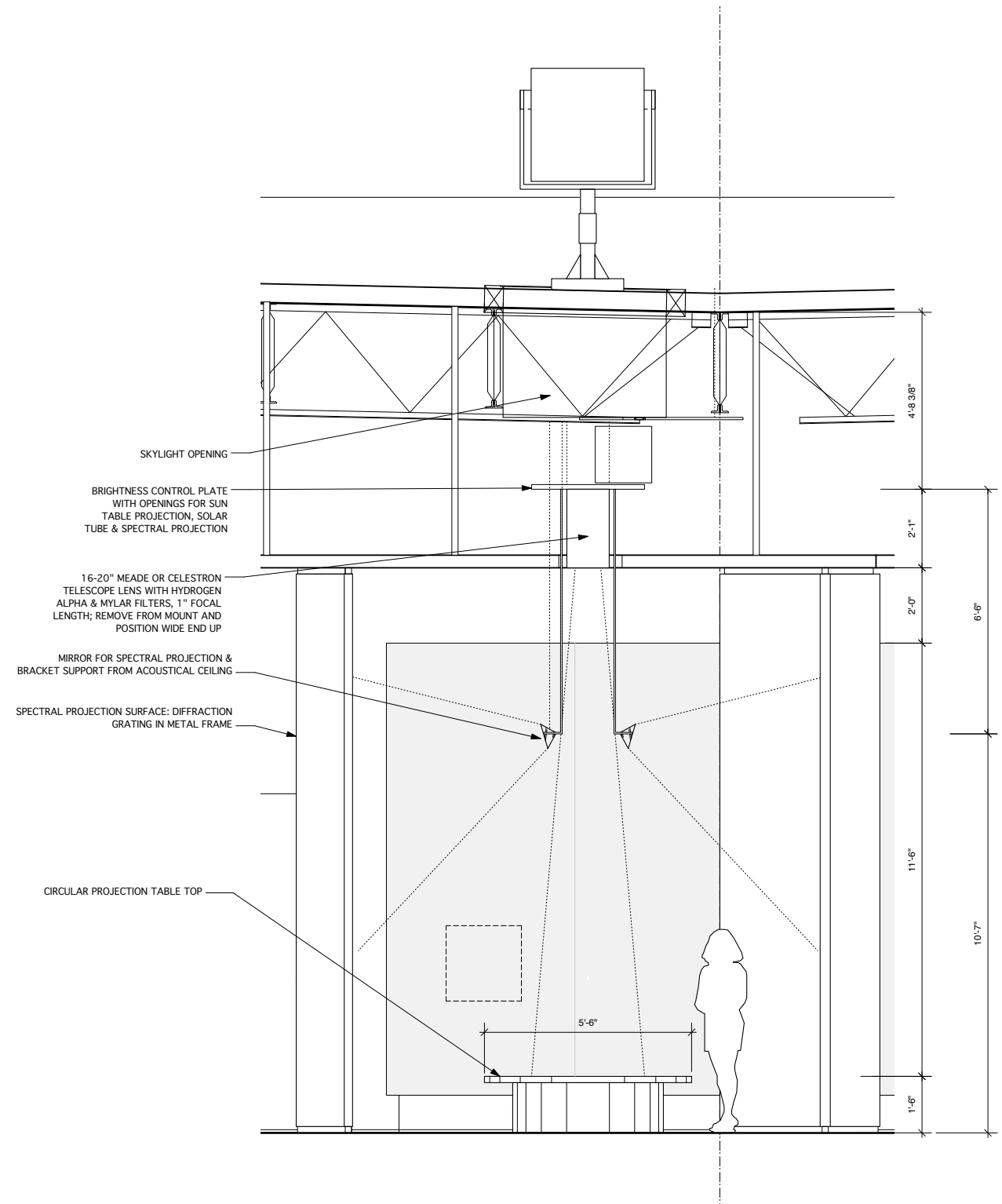
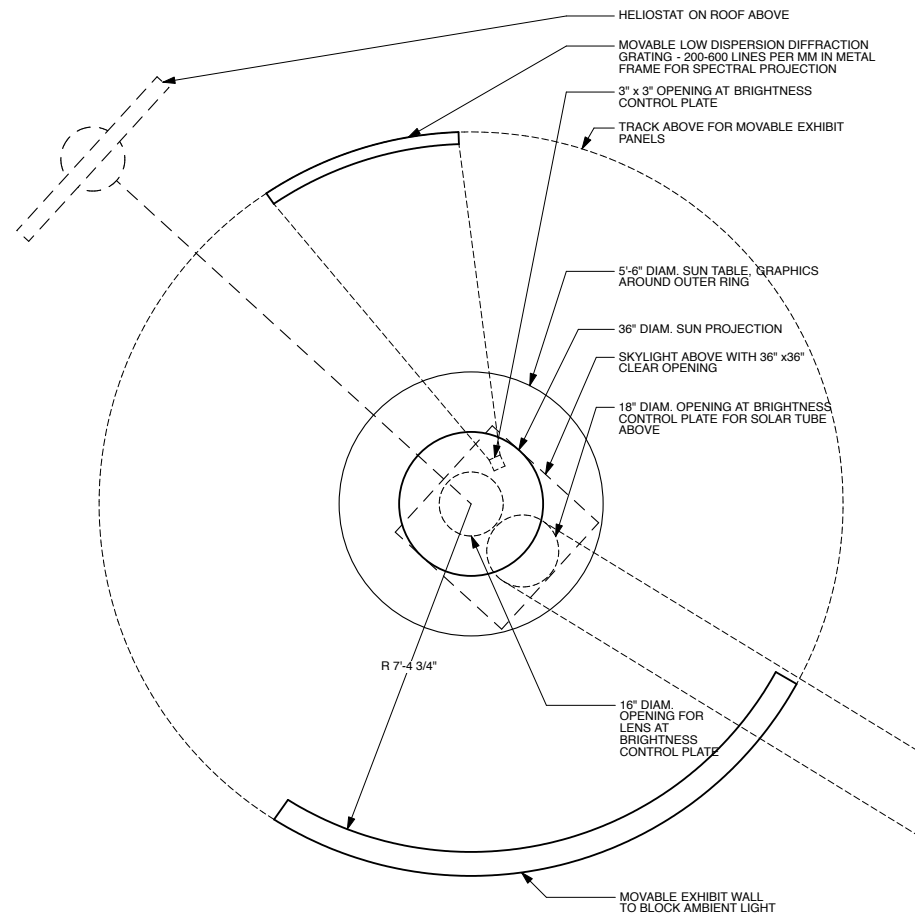
Project No.

0275

Sheet No.

X5-SK-2.01

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner

UMNH
1390 East President's Circle
Salt Lake City, Utah 84112
801.581.6927 tel.

Design Architect

Polshek Partnership Architects LLP
320 West 13th Street
New York, New York
212.807.7171 tel.

Architect of Record

Gillies Stransky Brems Smith
375 West 200 South
Salt Lake City, Utah
801.521.8600 tel.

Structural Engineer

Leslie E. Robertson Associates
30 Broad Street
New York, New York 10004
212.750.9000 tel.

Mechanical/Plumbing/FP Engineer

Colvin Engineering Associates, Inc.
244 West 300 North
Salt Lake City, Utah 84103
801.322.2400 tel

Electrical/AV Engineer

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175 South Main Street
Salt Lake City, Utah 84111
800.678.7077 tel

Landscape Architect

Design Workshop, Inc.
1796 Prospector Avenue
Park City, Utah 84060
435.655.0915 tel.

Lighting

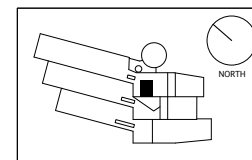
Branston Partnership
122 West 26th Street
New York, NY 10001
212.924.4050 tel.

Audio Visual

BBI Engineering, Inc.
241 Quint Street
San Francisco, CA 94124
415 685 9555 tel.

Exhibition Planner and Designer

Ralph Appelbaum Associate
88 Pine Street
New York, New York 10005
212.334.8200 tel.



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80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title	
Details	
Sky Observatory	
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Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
1/4"=1'-0"	X5-SK-3.00

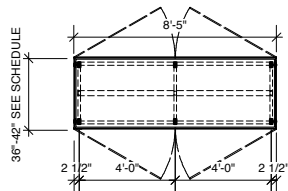
Project No.

275

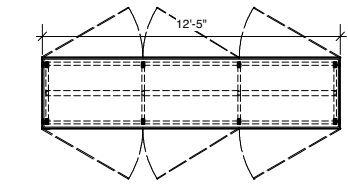
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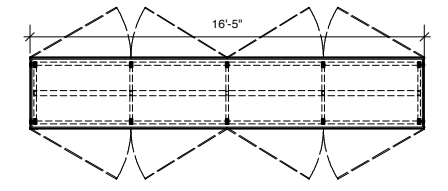
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



CASE A2 - 10'H x 3'W x 8'L



CASE A3 - 10'H x 3'W x 12'L

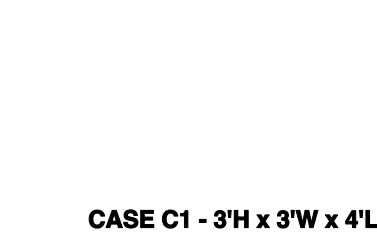


CASE A4 - 10'H x 3'W x 16'L

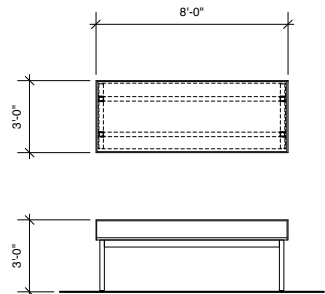
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CASE TYPE 'A' - TYPICAL CASE

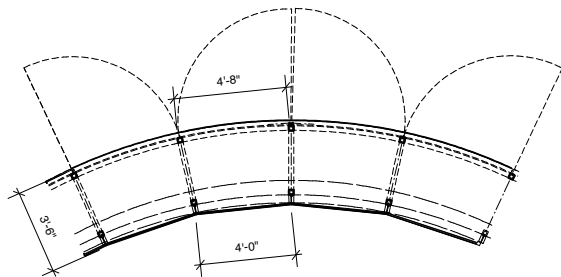
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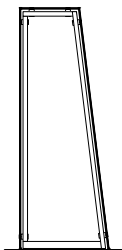
CASE C1 - 3'H x 3'W x 4'L



CASE C2 - 3'H x 3'W x 8'L



CASE D1 - 10'H x 3.5'W x 16'L



2

CASE TYPE 'C' - TABLE CASE

SCALE: 1/4"= 1'-0"

3

CASE TYPE 'D' - NATIVE VOICES CASE

SCALE: 1/4"= 1'-0"

GLASS CASE SCHEDULE

Bldg. Level	Observatory	Exhibit Area	Case Type	L	W	H	Doors	Notes
L1	Canyon							Provide mounts and graphics for Collection Case
	Utah Futures	Place	A	8'-0"	3'-0"	10'-0"	Single	
	Past Worlds	Pleistocene	A	12'-0"	4'-0"	10'-0"	Single	
		EO - Green River	A	12'-0"	3'-0"	10'-0"	Double	
		CR - N. Horn	B	8'-0"	4'-0"	10'-0"	Single	
		CR - Cedar Mnt	B	8'-0"	4'-0"	10'-0"	Single	
		CR - Kaip. Div.	A	12'-0"	3'-0"	8'-0"	Single	Base sits below glass floor in 4' deep slab depression
		JR - CLQ	A	24'-0"	3'-0"	10'-0"	Single	No rear glass
L2	First Peoples	Trade	A	8'-0"	3'-0"	10'-0"	Single	No rear glass
		Tech - Stone/Weap.	A	8'-0"	3'-6"	10'-0"	Double	
		Tech - Cer.	A	16'-0"	3'-6"	10'-0"	Double	
		Tech - Orn.	C	8'-0"	3'-0"	3'-0"		
		Tech - Shoes	C	8'-0"	3'-0"	3'-0"		
		Tech - Basketry/Tex.	A	12'-0"	3'-6"	10'-0"	Double	
		Subsist. - H/F	A	16'-0"	3'-0"	10'-0"	Single	Solid Rear Panels.
		Range Creek	C	8'-0"	3'-0"	3'-0"		
L3	Life	Genes	A	8'-0"	3'-0"	10'-0"	Double	
		Organisms	A	12'-0"	3'-0"	10'-0"	Double	
		Populations	A	8'-0"	3'-0"	10'-0"	Double	
L4	Native Voices	Utah Tribes	A	16'-0"	3'-0"	10'-0"	Single	Solid Rear Panels.
			1	D	16'-0"	3'-6"	8'-0"	Case front angles in toward the top.
			2	D	16'-0"	3'-6"	8'-0"	Case front angles in toward the top.
			3	D	16'-0"	3'-6"	8'-0"	Case front angles in toward the top.
			4	D	16'-0"	3'-6"	8'-0"	Case front angles in toward the top.
			5	D	16'-0"	3'-6"	8'-0"	Case front angles in toward the top.

NOTES:

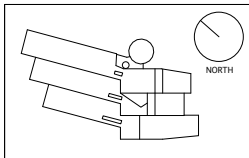
1. ALL FULL HEIGHT CASE GLASS THICKNESS TO BE 1/2", UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO PROVIDE ADD ALT FOR LOW IRON WATER WHITE GLASS.
3. ALL STEEL CONNECTIONS TO BE WELDED AND GROUND SMOOTH. STEEL TO HAVE A MATTE BLK. LAQUER FINISH. FASTENERS TO BE SPECIFIED IN SHOP DRAWINGS.
4. STRUCTURAL STEEL TUBE TO BE FY46, SEE SPECIFICATIONS FOR STRUCTURAL & OTHER PERFORMANCE REQUIREMENTS
5. CONTRACTOR TO PROVIDE ESTIMATE FOR OBJECT BRACKETS AND GRAPHIC PANELS AS PER QUANTITIES LISTED IN THE INTERPRETIVE PLAN / PANEL SCHEDULE
6. SEE 5.00 SERIES SHEETS FOR CASE LAYOUTS AND ATYPICAL CASE DETAILS

UTAH MUSEUM OF NATURAL HISTORY

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
UMNH 1390 East President's Circle Salt Lake City, Utah 84112 801.581.6927 tel.	Polshak Partnership Architects LLP 320 West 13th Street New York, New York 212.807.7171 tel.	Gillies Stransky Brems Smith 375 West 200 South Salt Lake City, Utah 801.521.8600 tel.	Leslie E. Robertson Associates 30 Broad Street New York, New York 10004 212.750.9000 tel.	Colvin Engineering Associates, Inc. 175 South Main Street Salt Lake City, Utah 84103 801.322.2400 tel	Spectrum Engineers 175 South Main Street Salt Lake City, Utah 84111 800.678.7077 tel	Design Workshop, Inc. 1796 Prospector Avenue Park City, Utah 84060 435.655.0915 tel.	Branston Partnership 122 West 26th Street New York, NY 10001 212.924.4050 tel.	BBI Engineering, Inc. 241 Quint Street San Francisco, CA 94124 415.685.9555 tel.	Ralph Appelbaum Associates 88 Pine Street New York, New York 10005 212.334.8200 tel.

Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
WS5	May 23, 2007
WS4	April 12, 2007

No. / Issue Name / Date

Sheet Title
Typical Details
Exhibit Case Types

Date Project No.

Dec. 19, 2008 0275

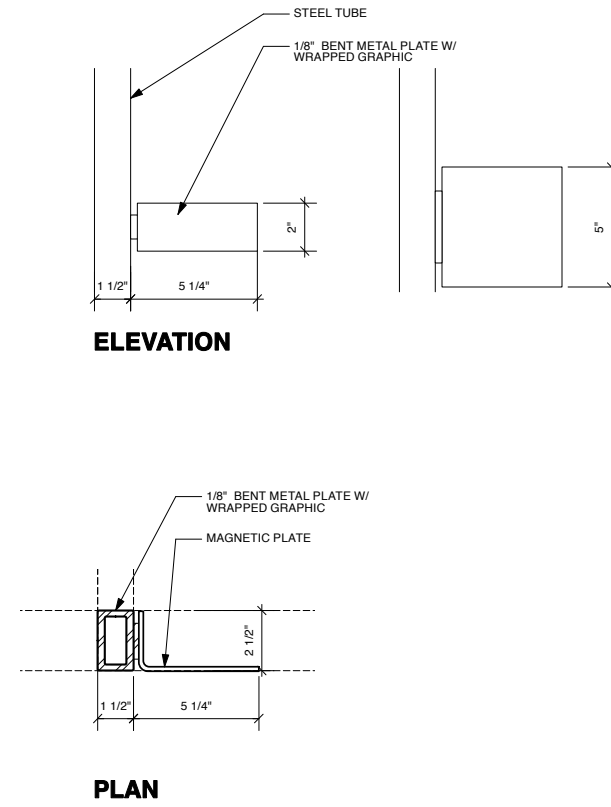
Scale* Sheet No.

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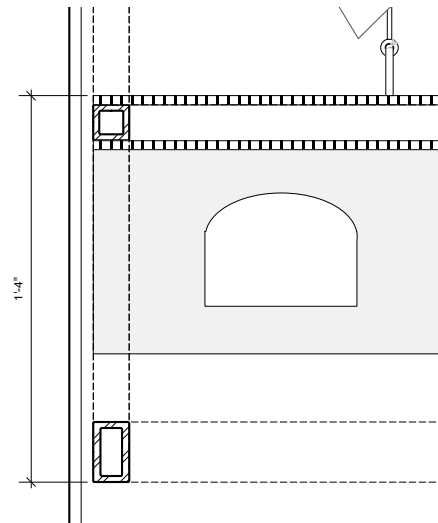
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

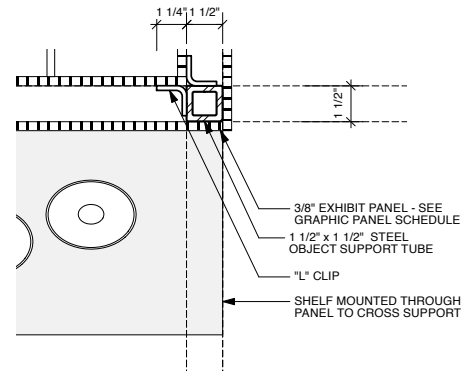
1. 50LB. MAX ARTIFACT WEIGHT PER ARTIFACT BRACKET.
2. MAX. CANTILEVER = 18" FROM WEIGHT CENTER OF
ARTIFACT TO POST CENTER LINE.



SCALE: 1 1/2"= 1'-0"



SCALE: 1 1/2"= 1'-0"



SCALE: 1 1/2" = 1'-0'

UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH

Owner	Design Architect	Architect of Record	Structural Engineer	Mechanical/Plumbing/FP Engineer	Electrical/AV Engineer	Landscape Architect	Lighting	Audio Visual	Exhibition Planner and Designer
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Key Plan

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WS4	April 12, 2007

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80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Typical Details
Exhibit Case System

Date _____ Project No. _____

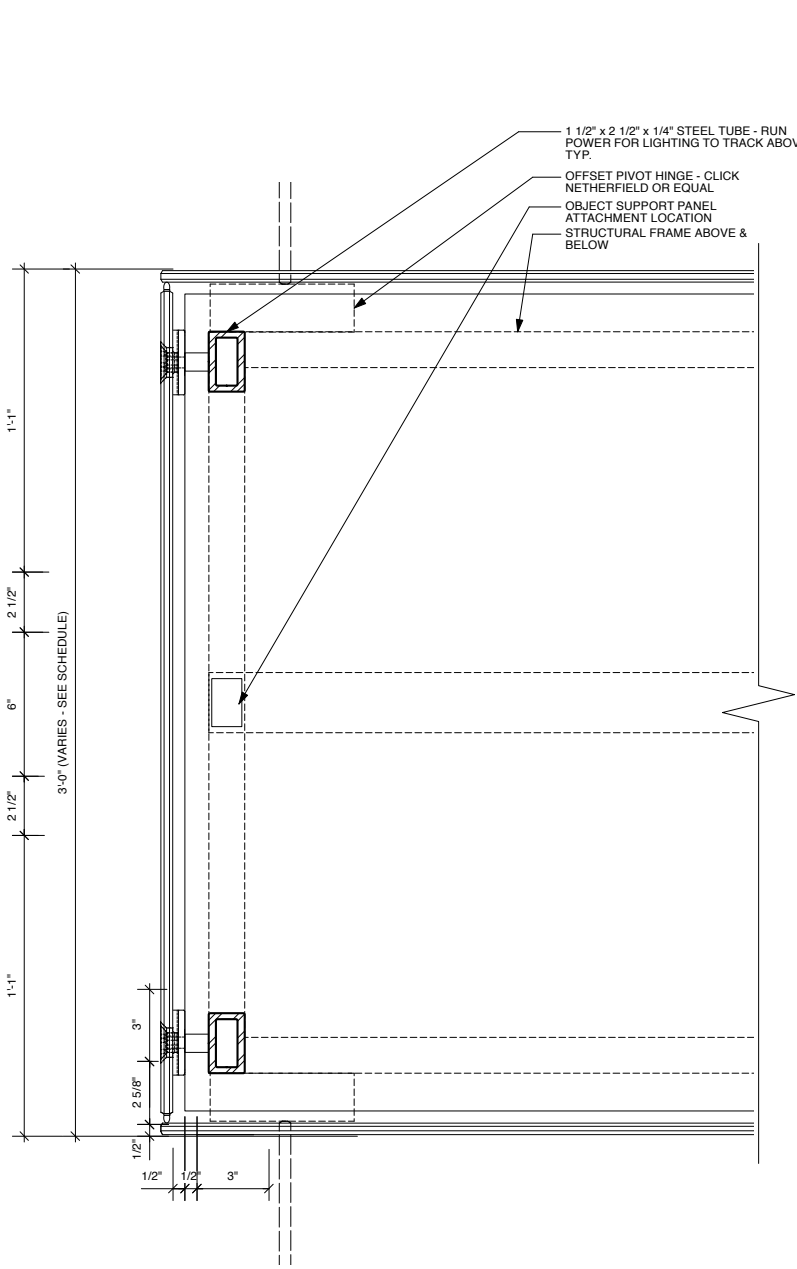
Dec. 19, 2008

Scale* Sheet No.

$$1\frac{1}{2}'' = 1'-0''$$

X-TYP-1.10

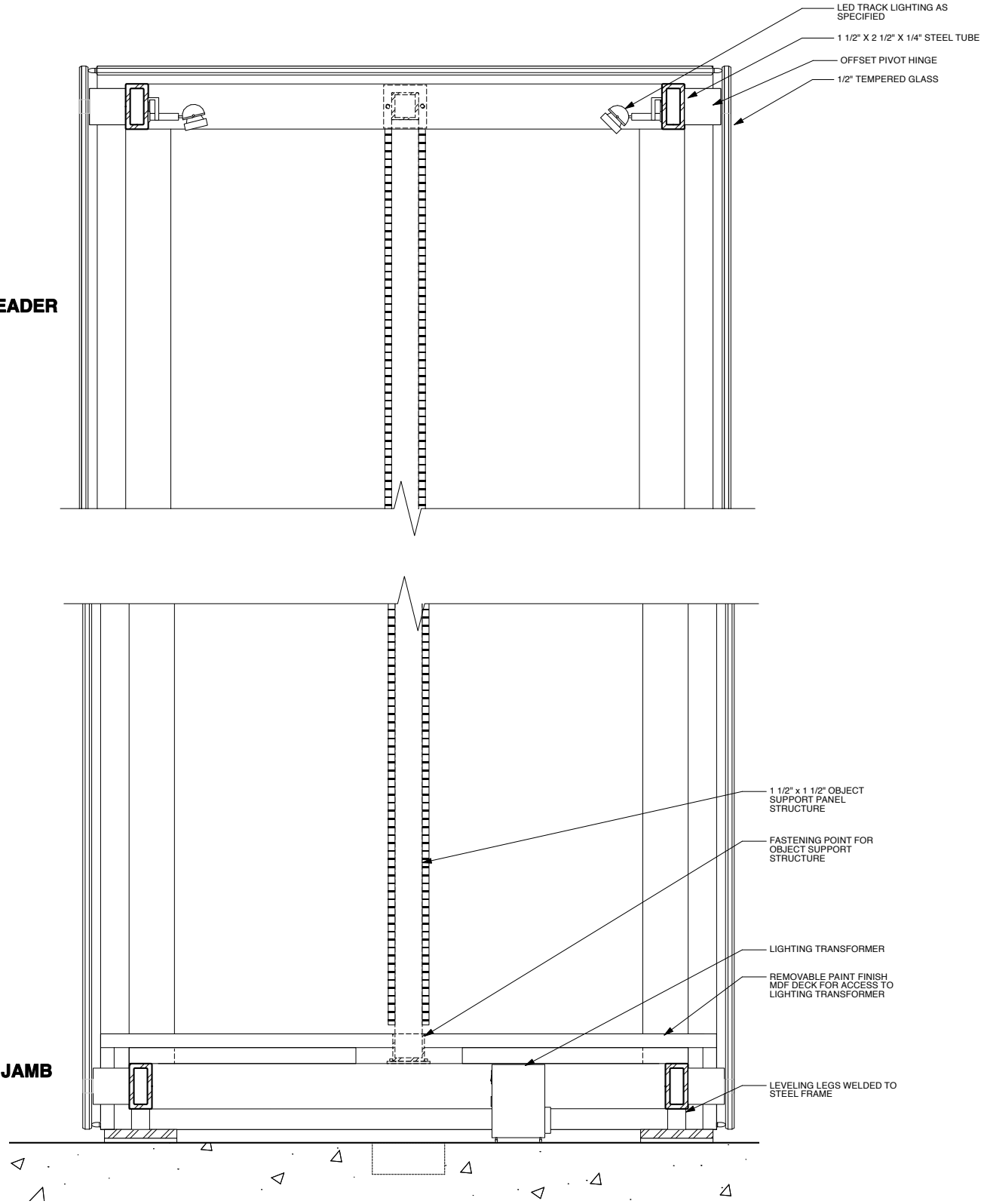
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



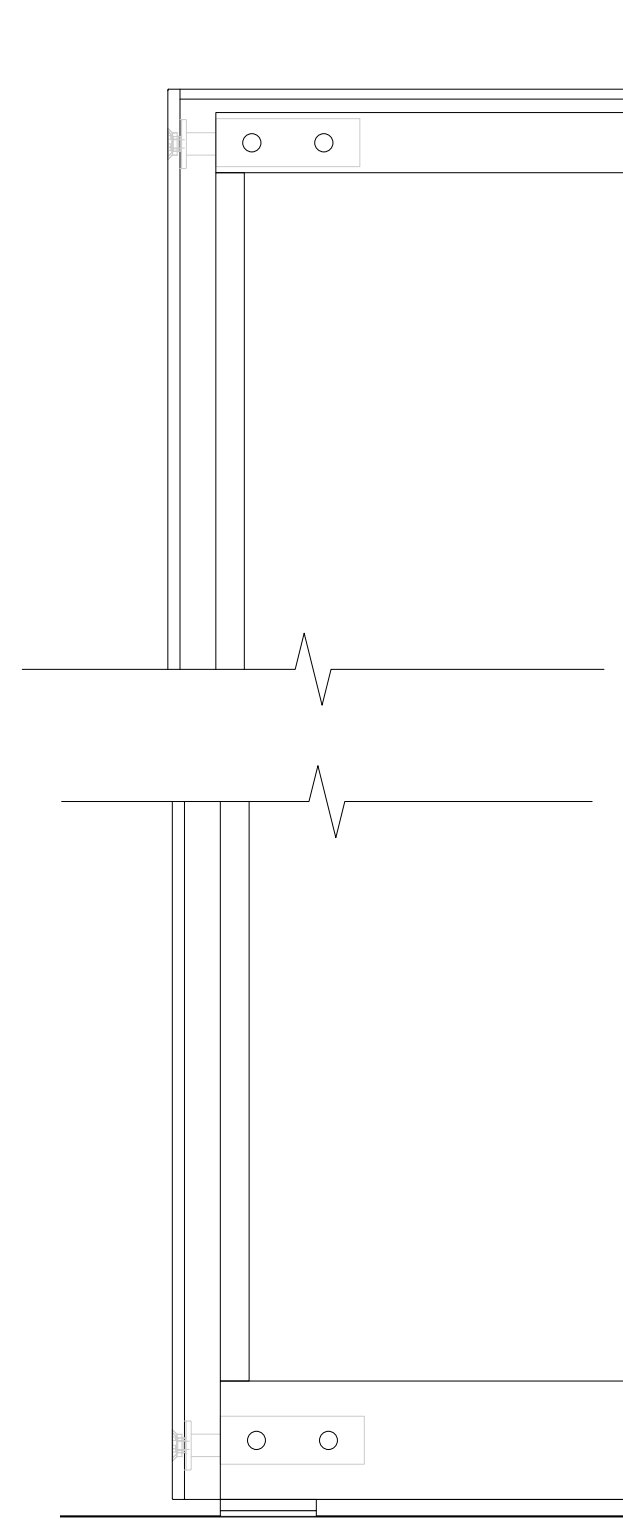
1 **TYPICAL CASE PLAN DETAIL**
SCALE: 1 1/2"= 1'-0"

HEADER

JAMB



2 **TYPICAL CASE SECTION DETAIL**
SCALE: 1 1/2"= 1'-0"



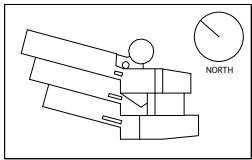
3 **TYPICAL CASE ELEVATION DETAIL**
SCALE: 1 1/2"= 1'-0"

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Exhibit Construction



Key Plan

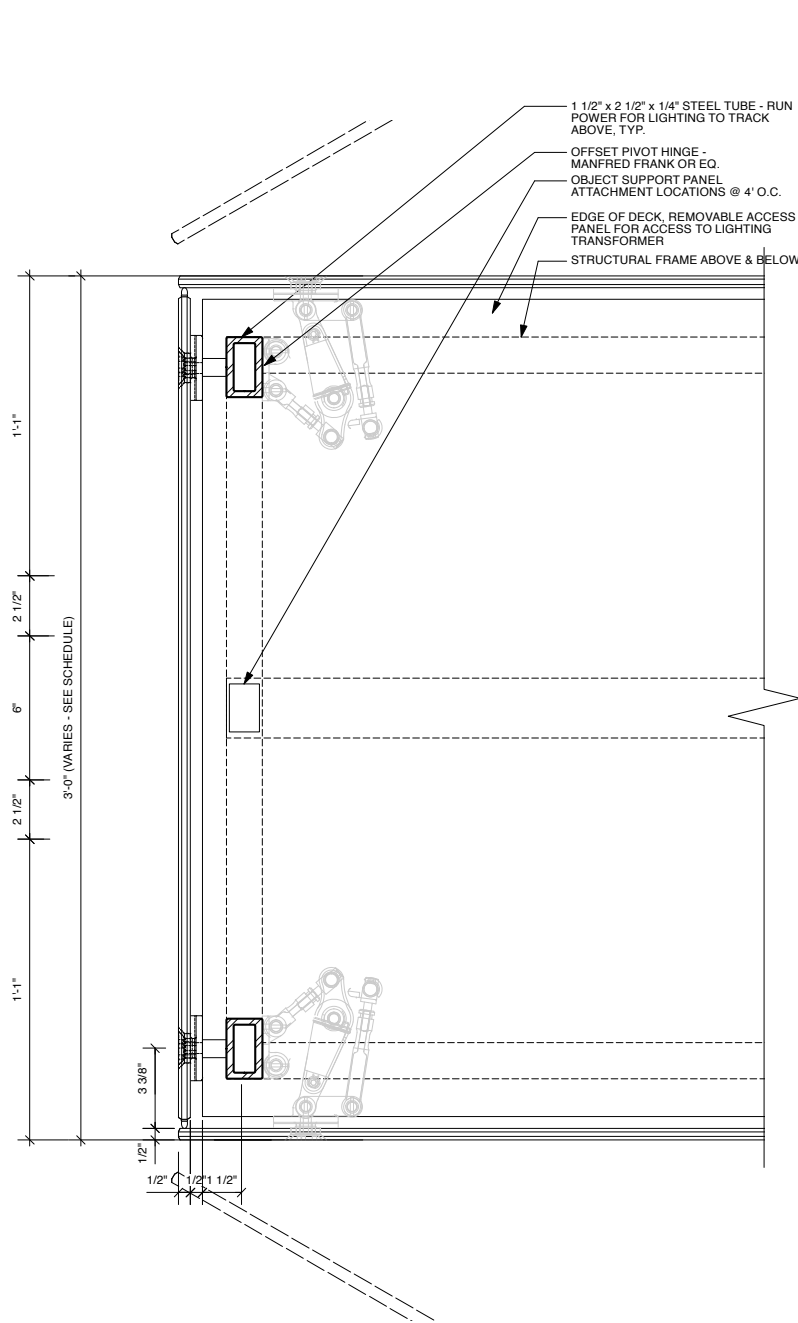
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No. / Issue Name / Date	

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title	
Typical Details	
Exhibit Case -Netherfield hinge	
Date	Project No.
Dec. 19, 2008	0275
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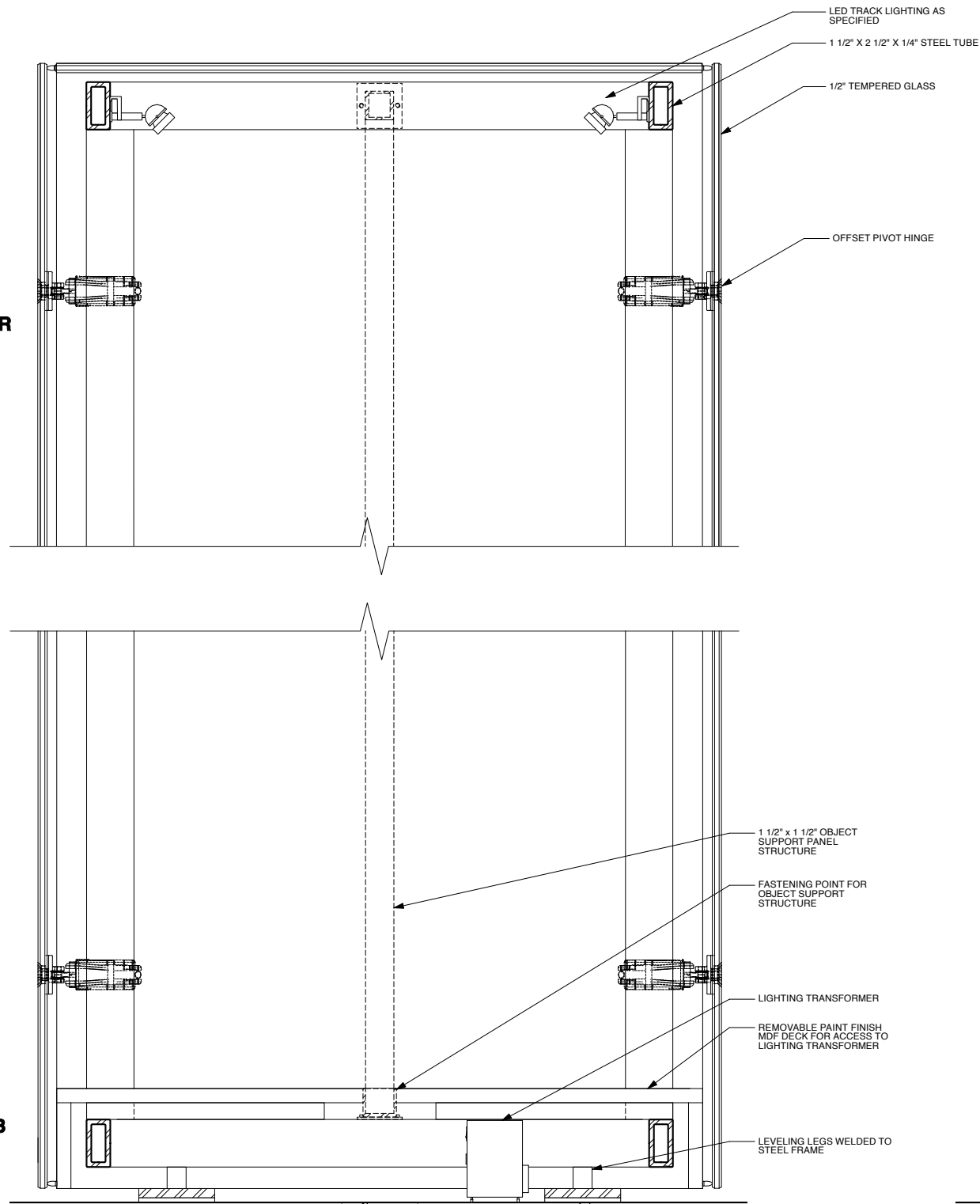
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



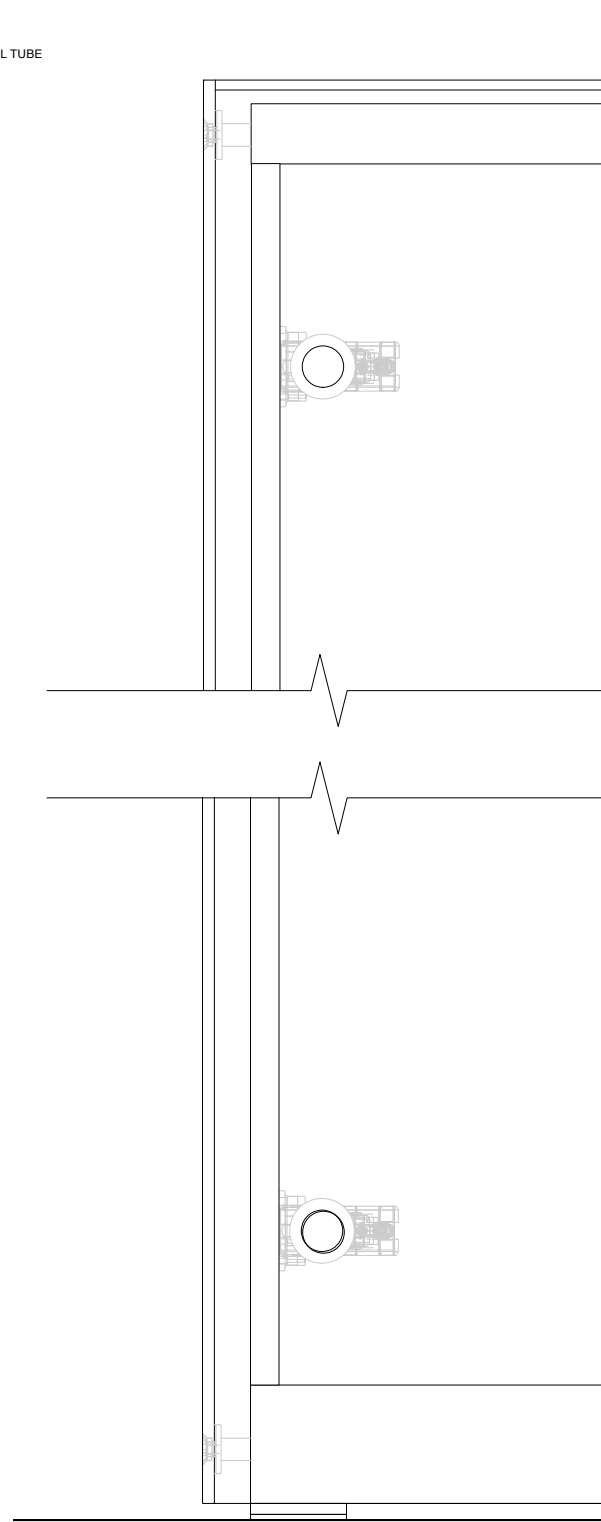
1 **TYPICAL CASE PLAN DETAIL**
SCALE: 1 1/2"= 1'-0"

HEADER



JAMB

2 **TYPICAL CASE SECTION DETAIL**
SCALE: 1 1/2"= 1'-0"



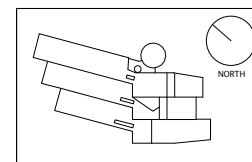
3 **TYPICAL CASE ELEVATION DETAIL**
SCALE: 1 1/2"= 1'-0"

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Exhibit Construction



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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Typical Details
Exhibit Case -Manfred Frank hinge

Date
Dec. 19, 2008

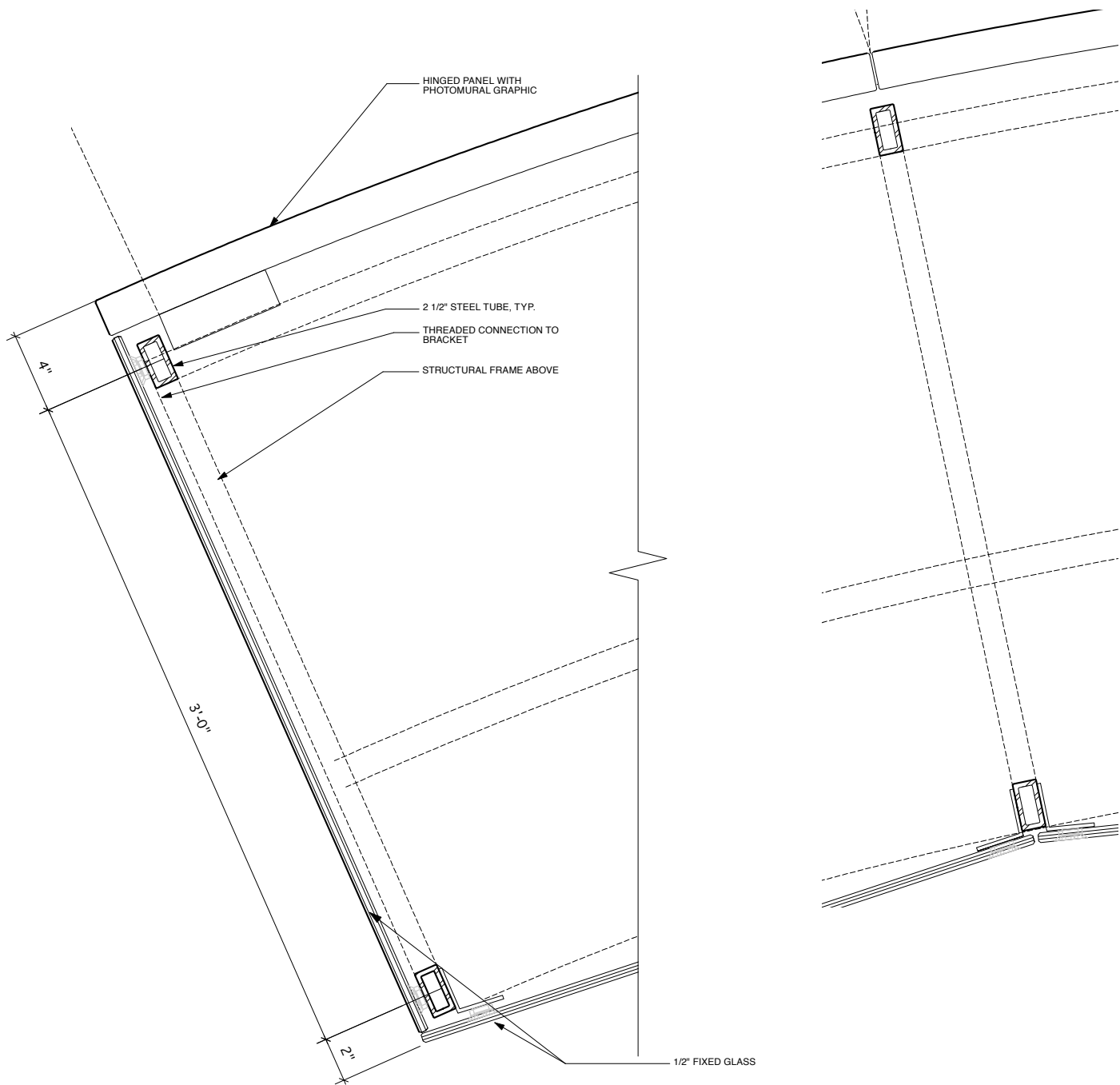
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Project No.
0275

Sheet No.

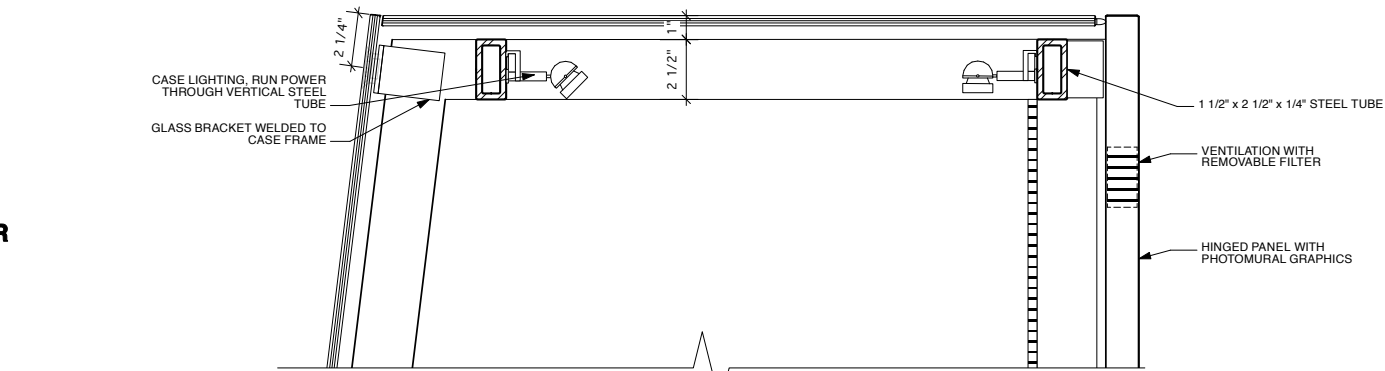
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

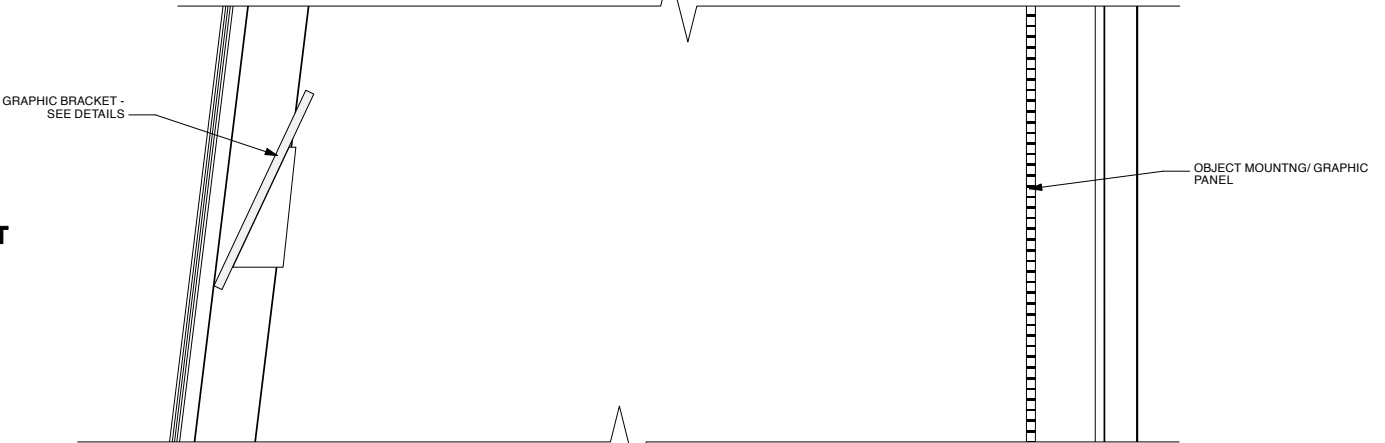


1 **TYPICAL NV CASE PLAN DETAIL: CASE TYPE -**
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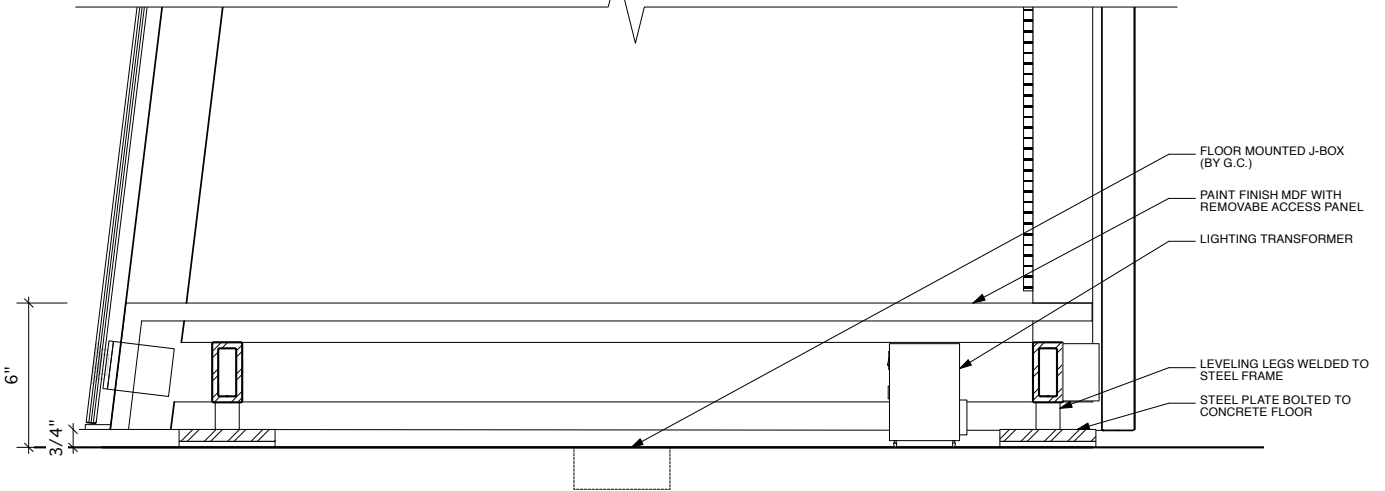
HEADER



OBJECT MOUNT



JAMB



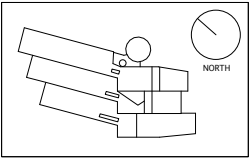
2 **TYPICAL NV CASE SECTION DETAIL**
SCALE: 1 1/2"= 1'-0"

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80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Typical Details
Exhibit Case System -NV**

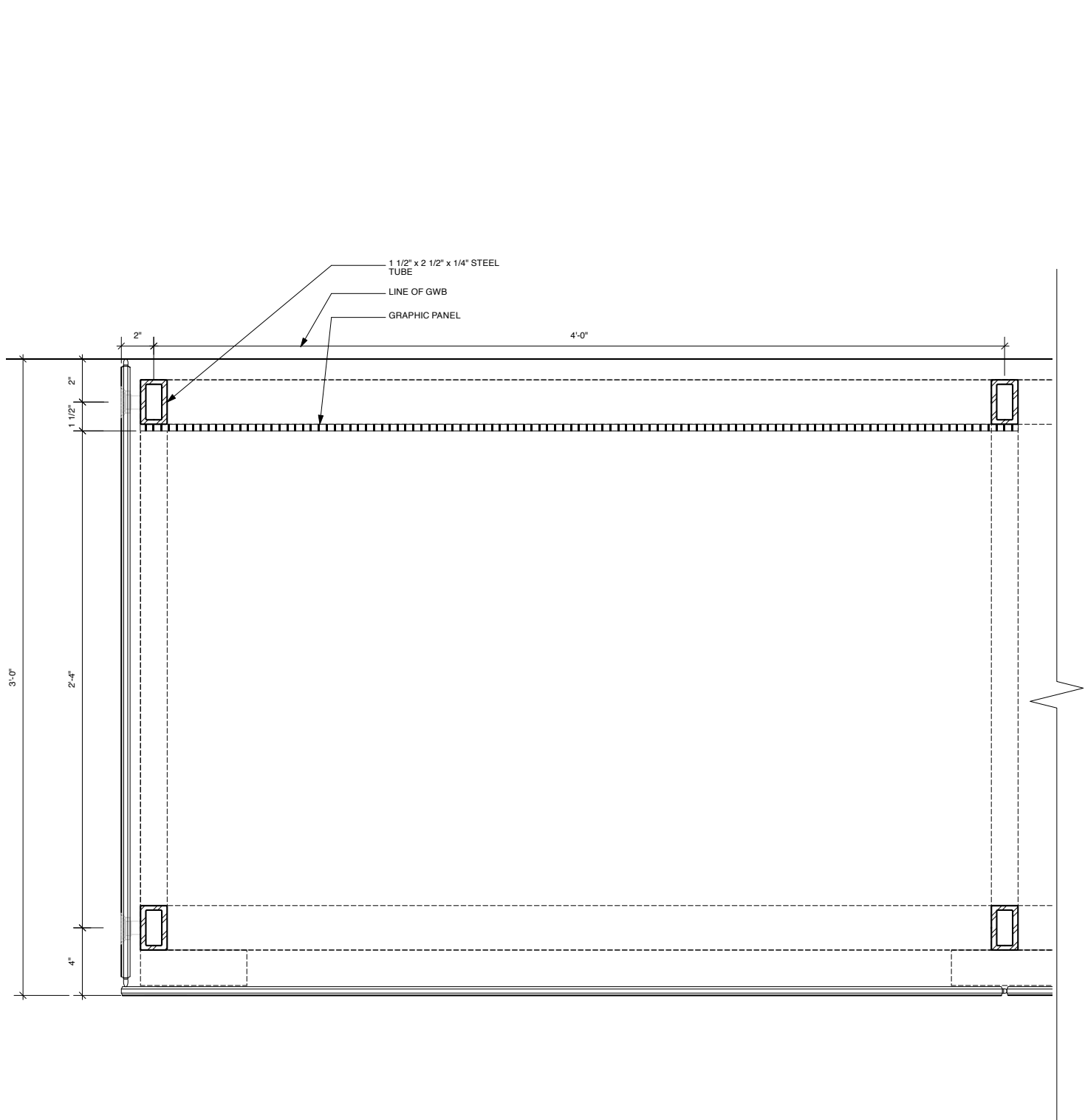
Date
Dec. 19, 2008

Scale*
1 1/2"=1'-0"

Project No.
0275

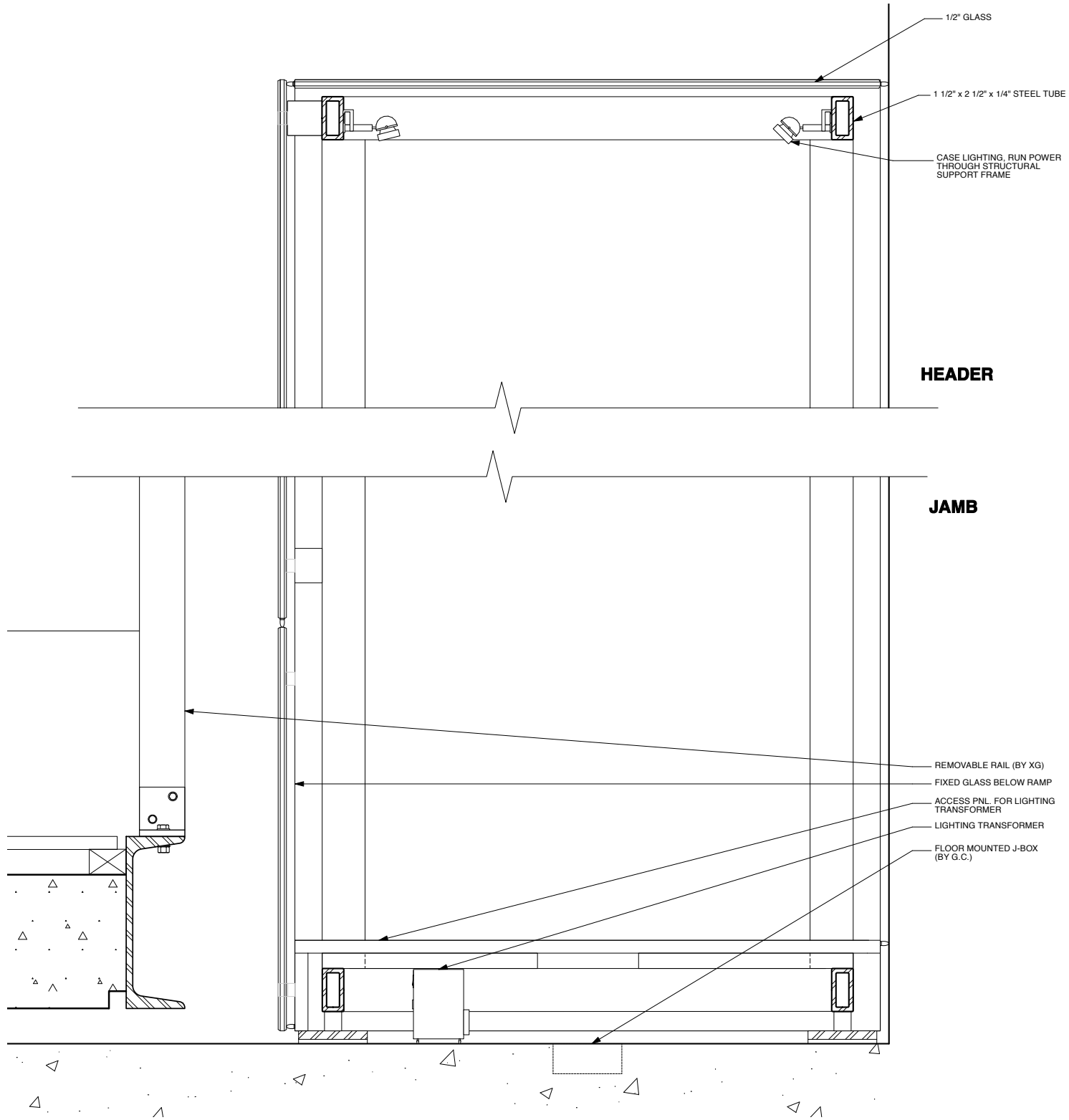
Sheet No.
X-TYP-1.30

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 TYPICAL CASE PLAN DETAIL

SCALE: 1 1/2"= 1'-0"



2 TYPICAL CASE SECTION DETAIL

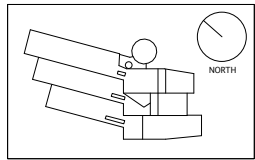
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UTAH MUSEUM OF NATURAL HISTORY

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Exhibit Construction



Key Plan

FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
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WS4	April 12, 2007

No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
Typical Details
Exhibit Case System - PW

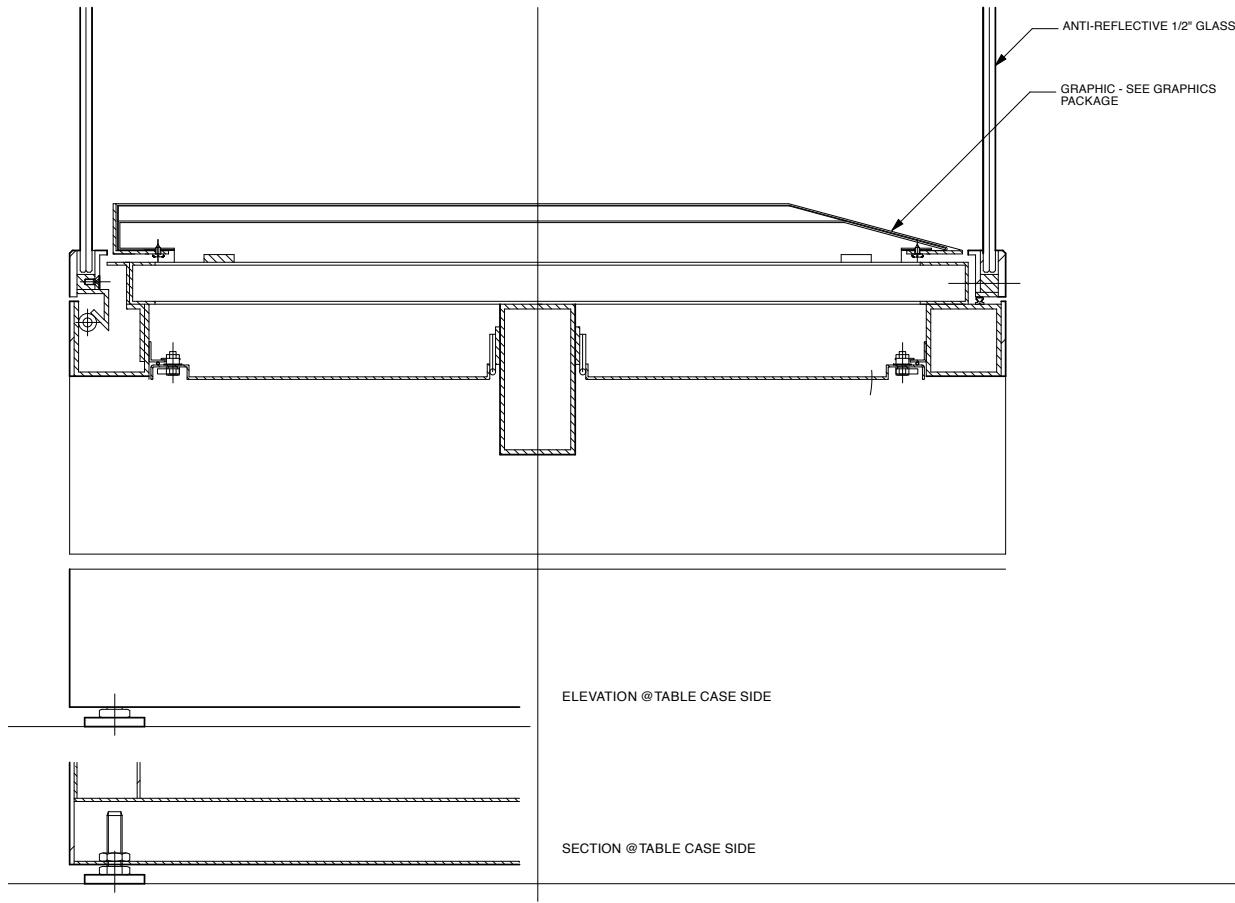
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Dec. 19, 2008

Scale*
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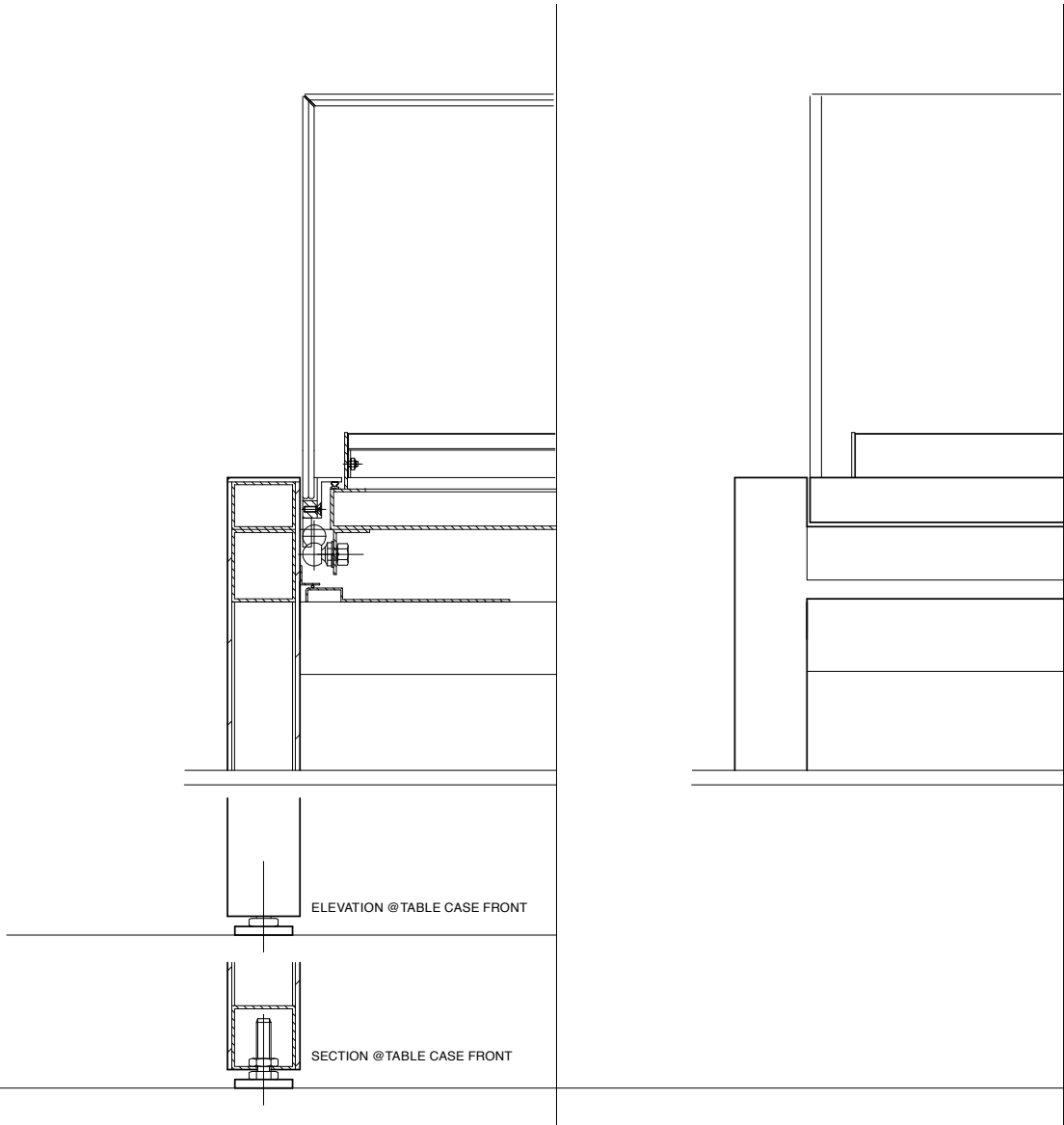
Project No.
0275

Sheet No.
X-TYP-1.40

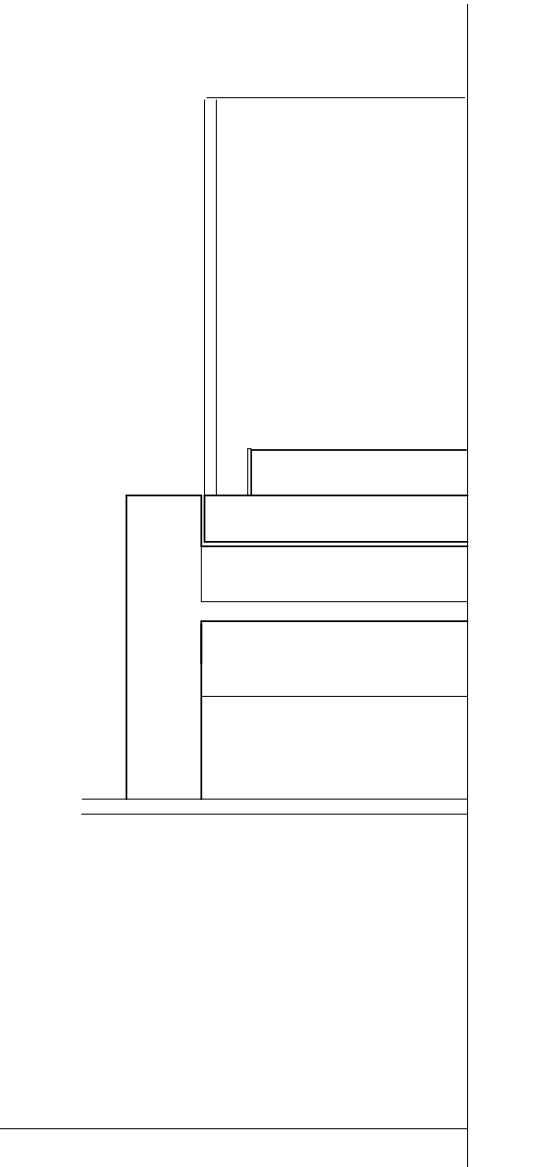
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



1 **TABLE CASE CROSS SECTION DETAIL**
SCALE: 1 1/2"= 1'-0"



2 **TABLE CASE SIDE SECTION DTL.**
SCALE: 1 1/2"= 1'-0"



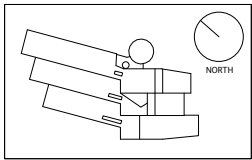
3 **TABLE CASE FRONT ELEVATION DTL.**
SCALE: 1 1/2"= 1'-0"

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80% FD	Dec.19, 2008
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FD WS3	Oct.16, 2008

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Sheet Title	
Typical Details	
Exhibit Case System - Table Case	
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
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*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

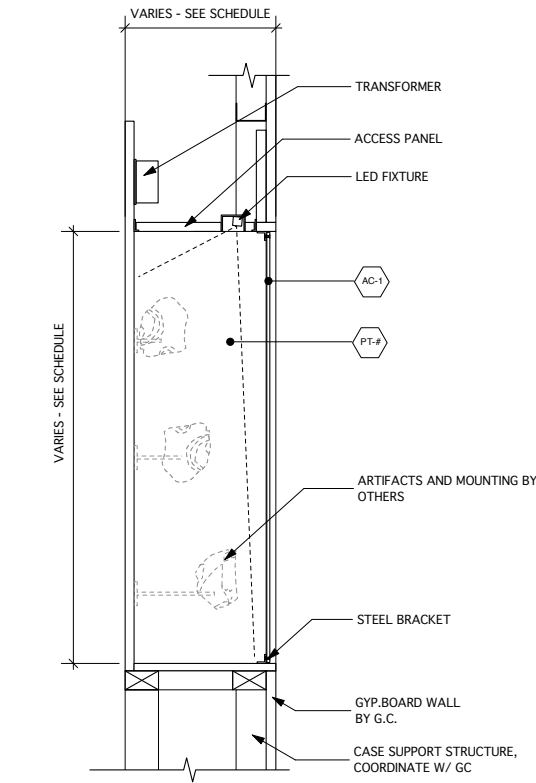
Level	Observatory	Exhibit Area	Case Code	Internal Dimensions			Quantity	Notes
				W	D	H		
L2	Utah Futures	Carbon Story	UF3.E01.ic01-03	18"	32"	12"	3	Provide brackets and graphics for Collection Case
L3	Canyon	Chrystals Large & Small	CN5.E01.ic02	60"	72"	13"	1	
		Gemstones	CN5.E01.ic03	92"	22"	13"	1	
		Fil/AC/RAD	CN5.E01.ic05	32"	26"	16"	1	
		RET/TWI/ROS	CN5.E01.ic06	47"	30"	13"	1	
		INC/FHA/Zoning	CN5.E01.ic07	50"	18"	13"	1	
		Pseudomorphs	CN5.E01.ic08	36"	14"	13"	1	
		BOT/MAM/STA	CN5.E01.ic09	66"	14"	13"	1	
		Chrystals S&H	CN5.E01.ic10	39"	18"	13"	1	
		Fluorescents	CN5.E01.ic11	54"	10"	13"	1	
L3	Lake	People & the Lake	LK5.E01.ic01	96"	18"	12"	1	
	First People	Intro	FP8.E01.ic01	30"	18"	12"	1	
		Absolute Dating	FP4.E04.ic01	96"	18"	12"	1	
		Dry Caves	FP3.E01.ic01-06	8"	4"	6 1/2"	1	
		Sudden Shelter	FP3.E02.ic01-06	8"	8"	6 1/2"	2	
				32"	8"	6 1/2"	1	
				26"	8"	6 1/2"	1	
				20"	8"	6 1/2"	2	
	The Land	Land Intro	LD1.E01.ic01-06	8"	6"	6"	1	
		Minerals / Rocks	LD2.E01.ic01-04	25"	27"	10"	4	
		Index Fossils	LD3.E02.ic01	14"	39"	20"	1	
		Earthquake	LD4.E03.sx01/02	65"	49"	19"	1	
L5	Native Voices	Generational Memory	NV2.E01.ic01	31"	41"	27"	1	
			NV2.E02.ic01	33"	29"	27"	1	
			NV2.E04.ic01	31"	41"	27"	1	
			NV2.E05.ic01	33"	49"	27"	1	
		Historic Past / Healing	NV3.E01.ic01	33"	49"	27"	1	
	Sky	Weather	SK3.E01.ic01	18"	18"	24"	1	
			SK4.E01.ic01	24"	24"	12"	1	
		Astronomy	SK4.E01.ic02	42"	24"	12"	1	

1. Acrylic to be 1/4" clear, scratch resistant with P30 bonding.
2. Provide shop DWG's for coordination of all inset case lighting + integration w/ adjacent exhibit + graphics
3. Inset case prototype to show integration of lighting and graphics
4. All exposed fasteners to be SSTL
5. Object mounts by others

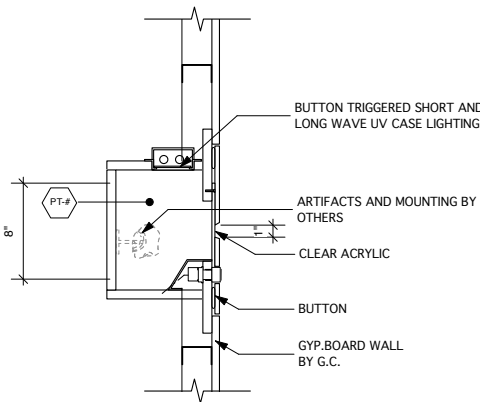


X-1 YP-2.00

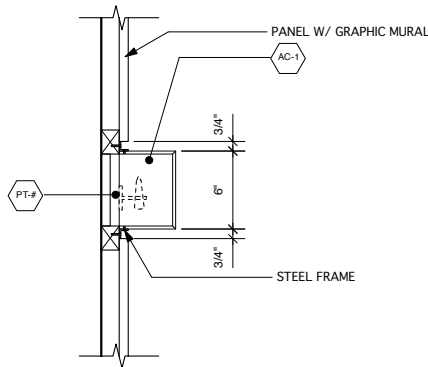
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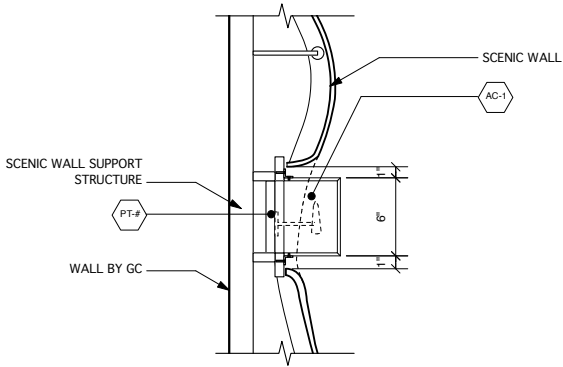
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SCALE: 1-1/2"= 1'-0"



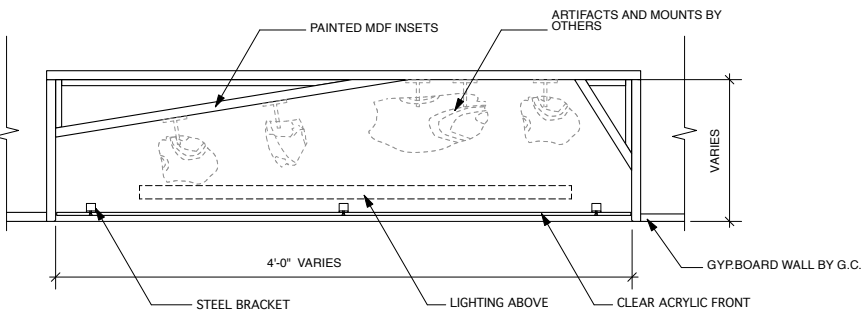
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SCALE: 1-1/2"= 1'-0"



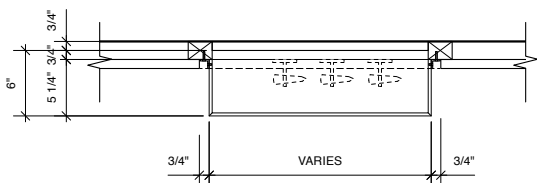
4 SECTION: INSET CASE @ DRY CAVE
SCALE: 1-1/2"= 1'-0"



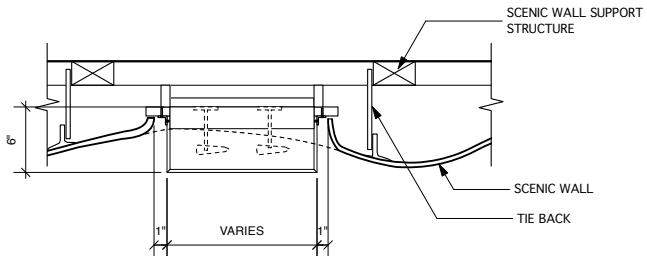
6 SECTION: INSET CASE @ DRY CAVE
SCALE: 1-1/2"= 1'-0"



2 PLAN: INSET CASE @ MINERAL HALL / FIRST PEOPLE (SOUTH)
SCALE: 1-1/2"= 1'-0"



5 PLAN: INSET CASE @ DRY CAVE
SCALE: 1-1/2"= 1'-0"



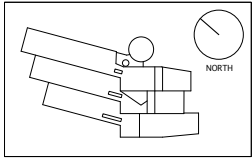
7 PLAN: INSET CASE @ DRY CAVE
SCALE: 1-1/2"= 1'-0"

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Exhibit Construction



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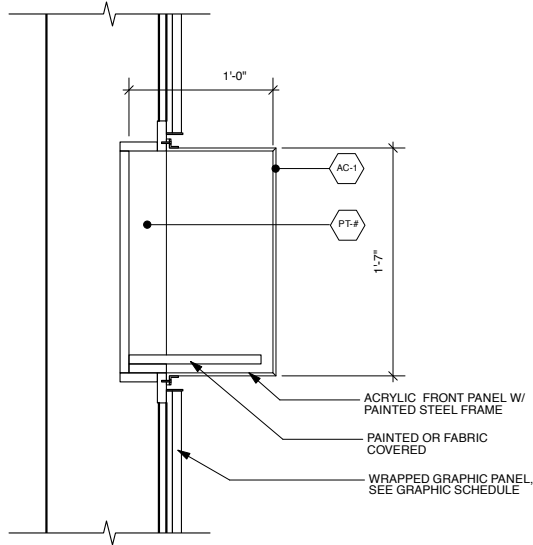
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WS4	April 12, 2007
No. / Issue Name / Date	

Sheet Title	
Case Details	
Acrylic Inset Cases	
Date	
Dec. 19, 2008	Project No.
0275	Sheet No.
Scale*	
1/4"=1'-0"	
No. / Issue Name / Date	

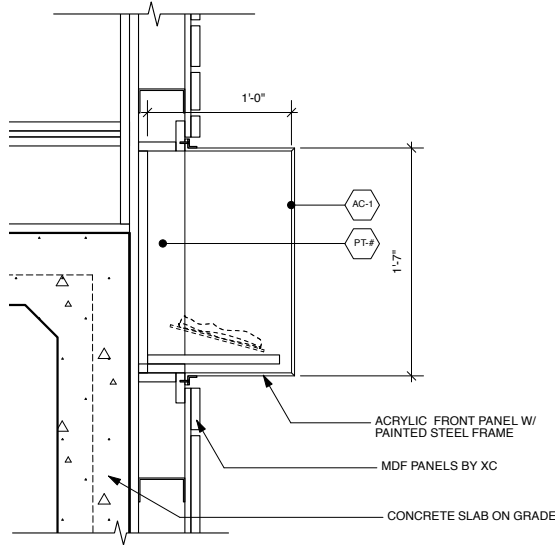
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Case Details
Acrylic Inset Cases

Date
Dec. 19, 2008
Project No.
0275
Sheet No.
X-TYP-2.01

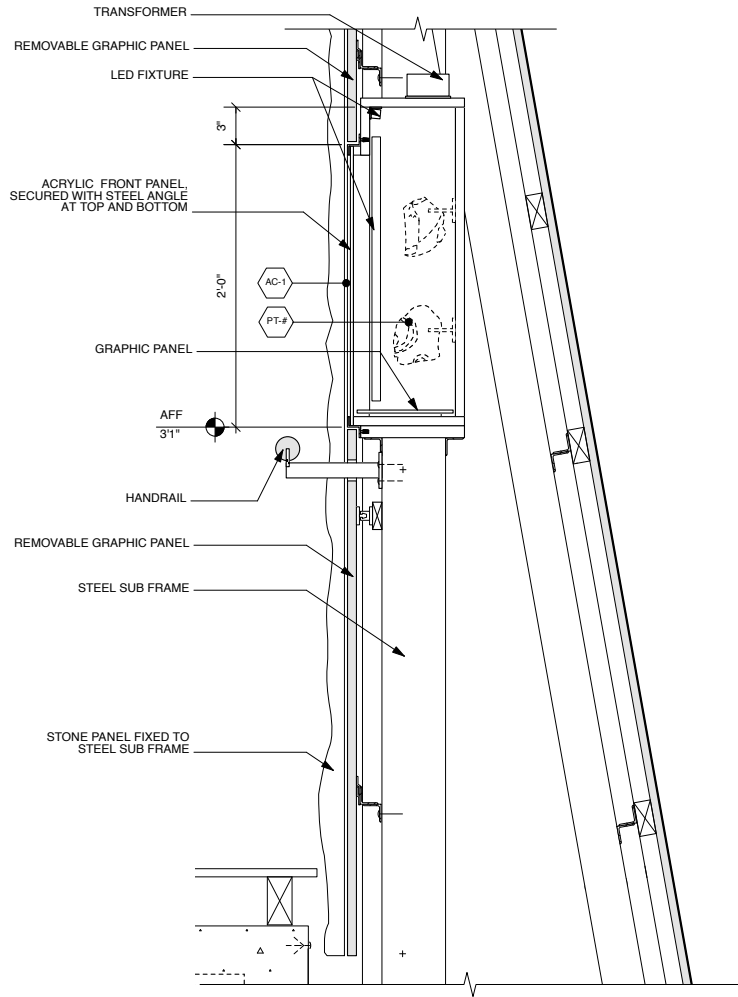
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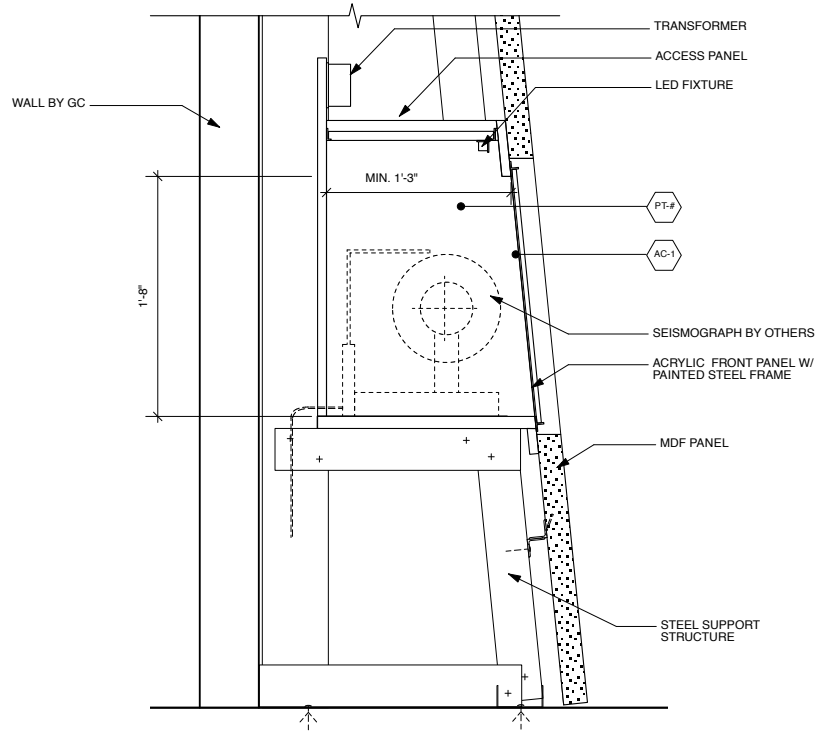
1 SECTION: INSET CASE @ FIRST PEOPLE
SCALE: 1-1/2"= 1'-0"



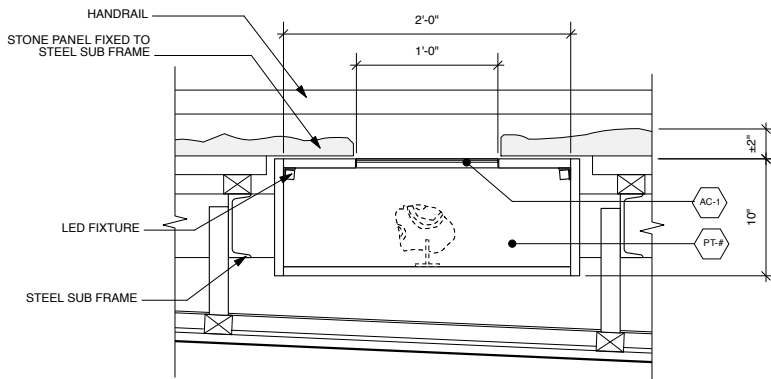
2 SECTION: INSET CASE @ FIRST PEOPLE
SCALE: 1-1/2"= 1'-0"



3 SECTION: INSET CASE @ LAND
SCALE: 1-1/2"= 1'-0"



5 SECTION: INSET CASE @ LAND
SCALE: 1-1/2"= 1'-0"



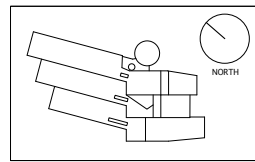
4 PLAN: INSET CASE @ LAND
SCALE: 1-1/2"= 1'-0"

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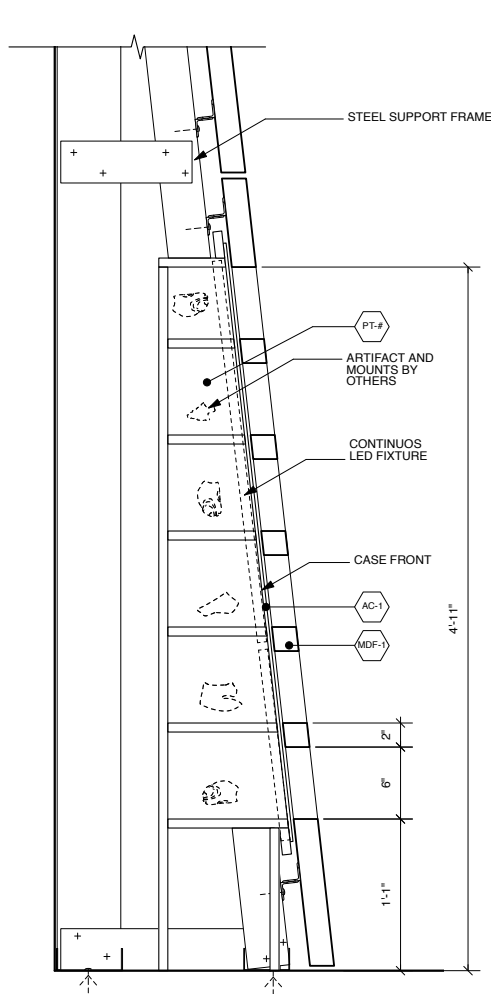
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FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

Sheet Title

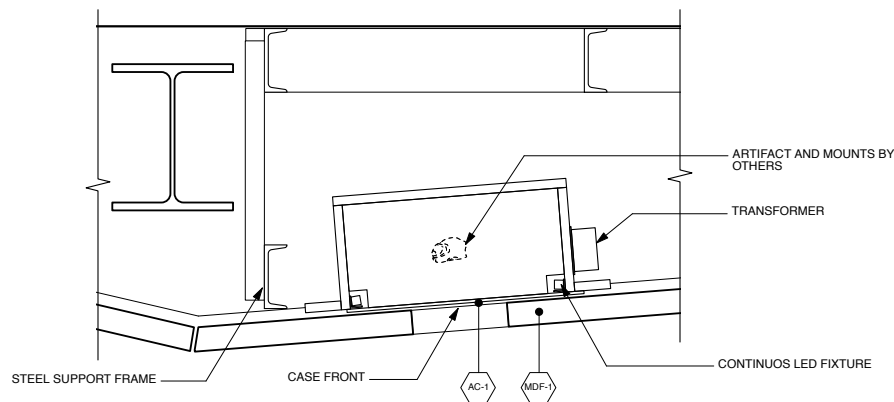
Case Details
Acrylic Inset Cases

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
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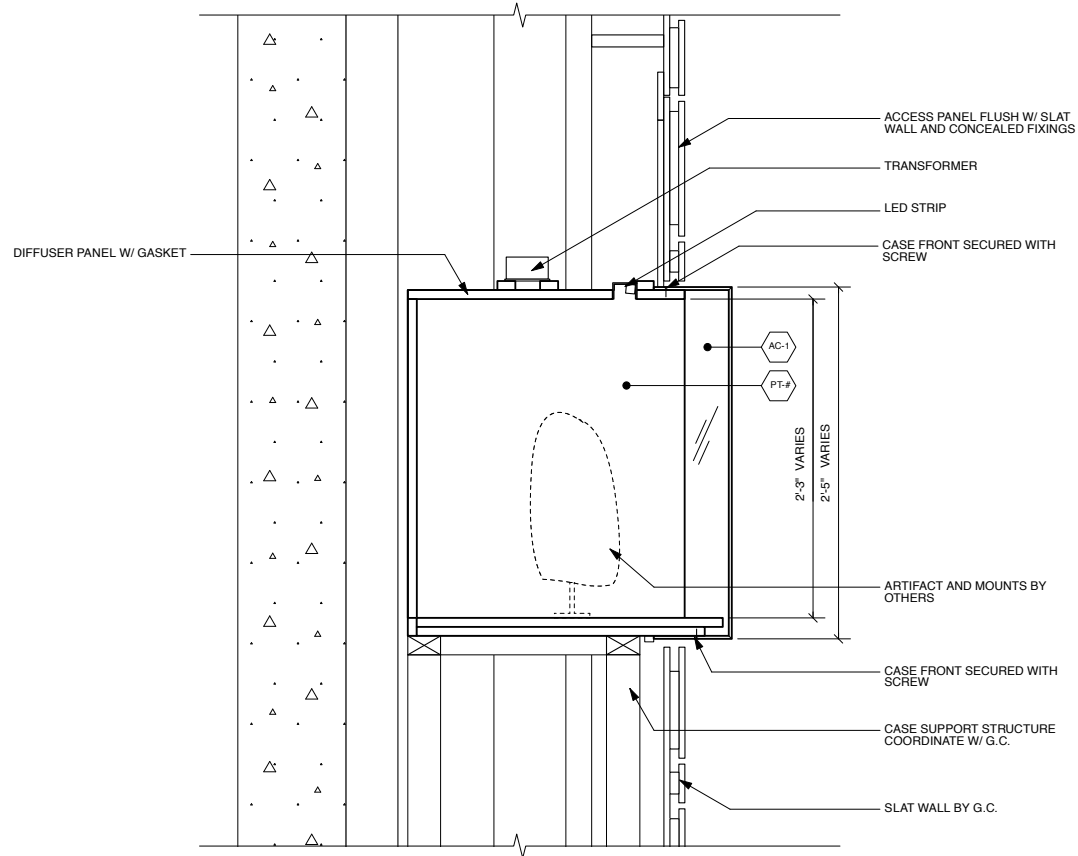
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



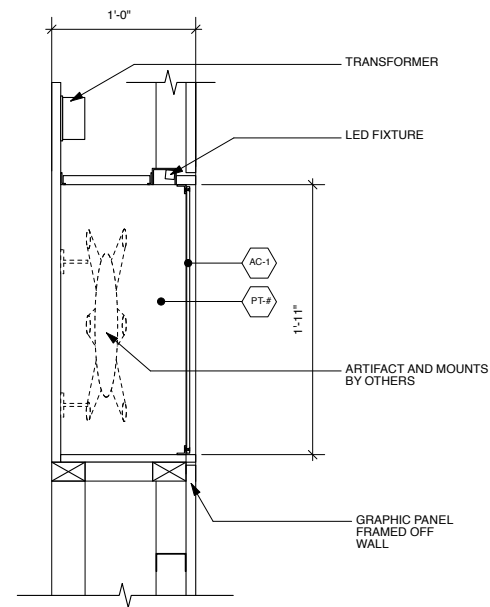
1 SECTION: INSET CASE @ LAND
SCALE: 1-1/2"= 1'-0"



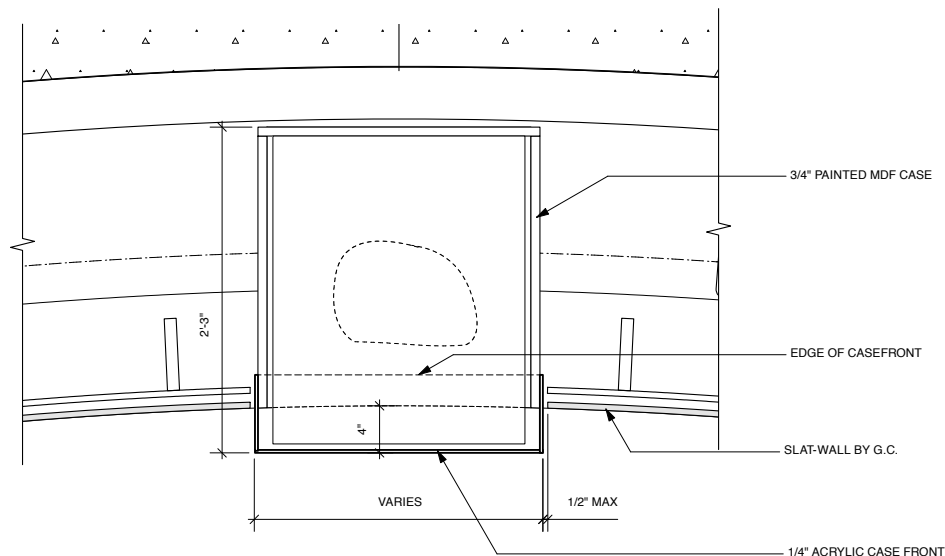
2 PLAN: INSET CASE @ LAND
SCALE: 1-1/2"= 1'-0"



3 SECTION: INSET CASE @ NATIVE VOICES
SCALE: 1-1/2"= 1'-0"



5 SECTION: INSET CASE @ SKY
SCALE: 1-1/2"= 1'-0"



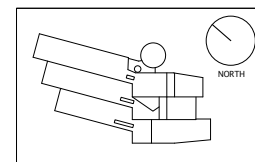
4 PLAN: INSET CASE @ NATIVE VOICES
SCALE: 1-1/2"= 1'-0"

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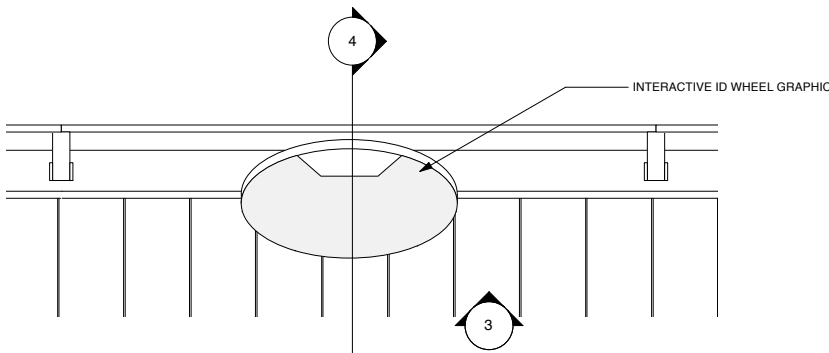


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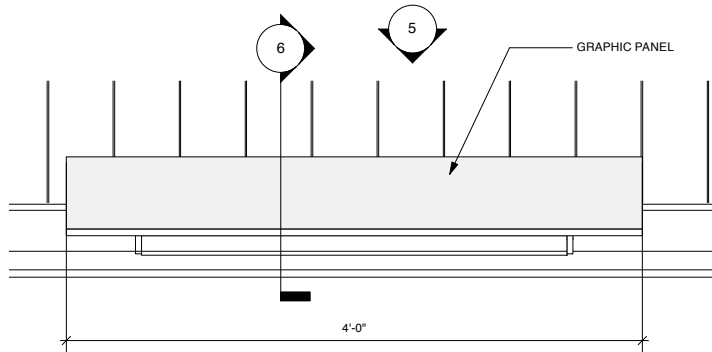
Sheet Title	
Case Details	
Acrylic Inset Cases	
Date	
Dec. 19, 2008	Project No.
0275	
Scale*	
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X-TYP-2.03	
No. / Issue Name / Date	

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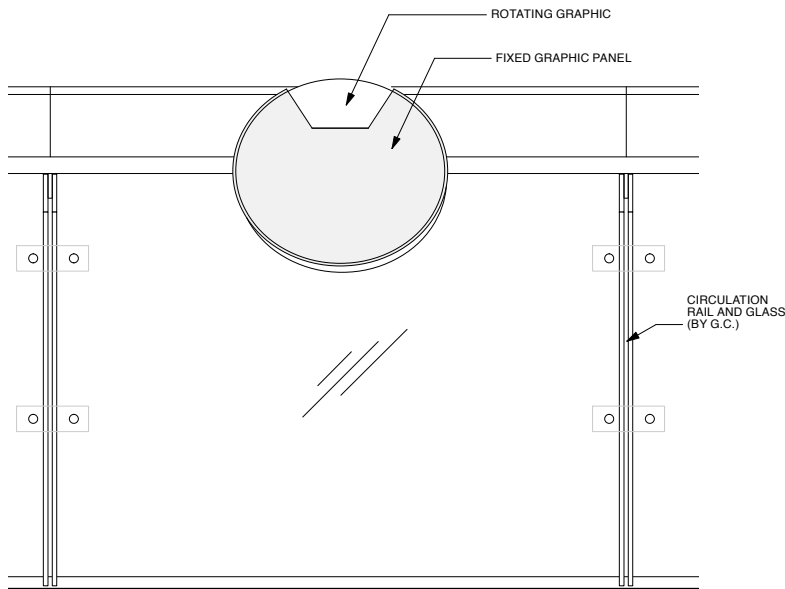
1 PLAN. BRIDGE ID GRAPHIC

SCALE: 1-1/2"= 1'-0"



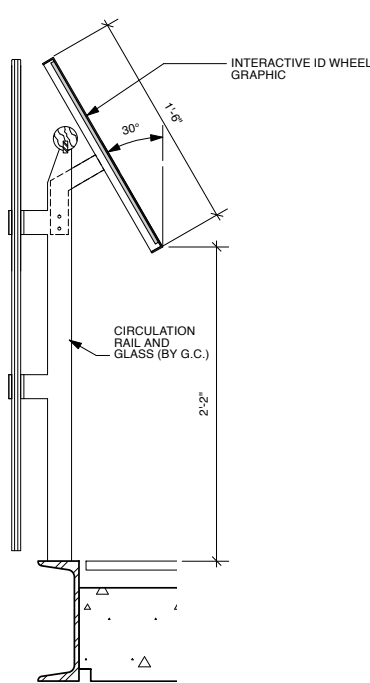
2 PLAN. BRIDGE GRAPHIC PANEL

SCALE: 1-1/2"= 1'-0"



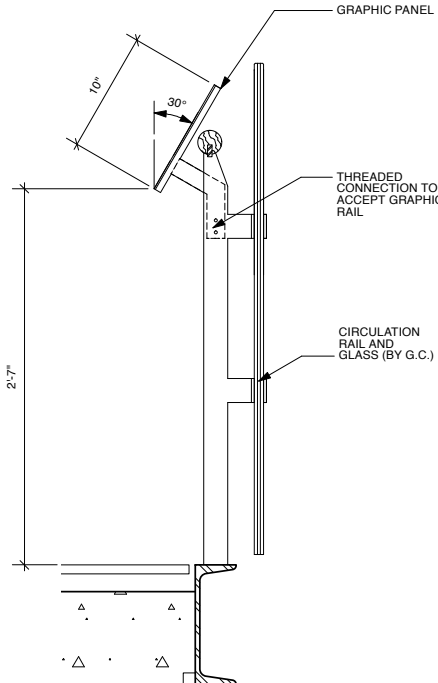
3 ELEVATION. BRIDGE ID GRAPHIC

SCALE: 1-1/2"= 1'-0"



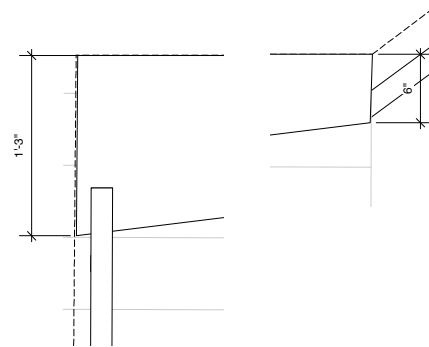
4 SECTION. BRIDGE ID GRAPHIC

SCALE: 1-1/2"= 1'-0"



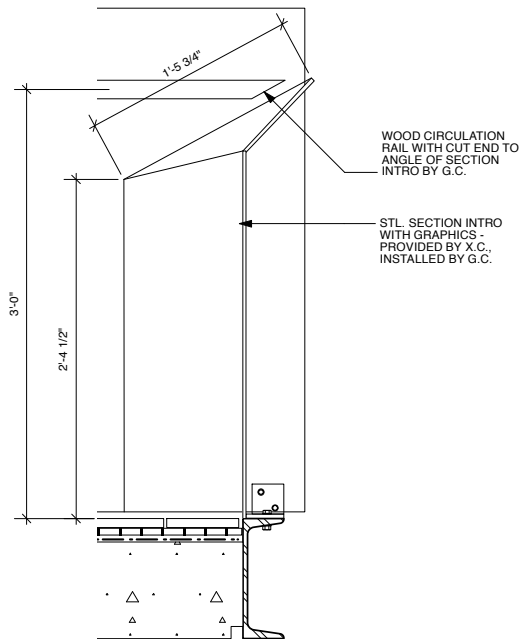
6 SECTION. BRIDGE GRAPHIC

SCALE: 1-1/2"= 1'-0"



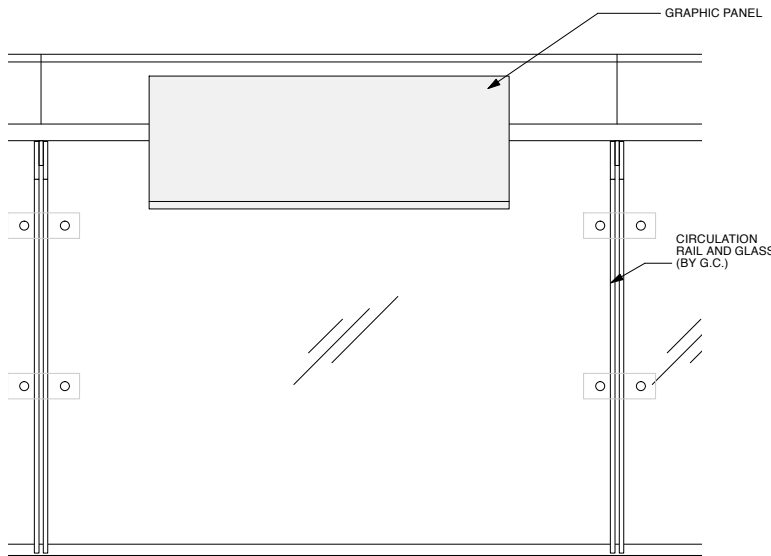
7 PLAN: BRIDGE SECTION INTRO

SCALE: 1-1/2"= 1'-0"



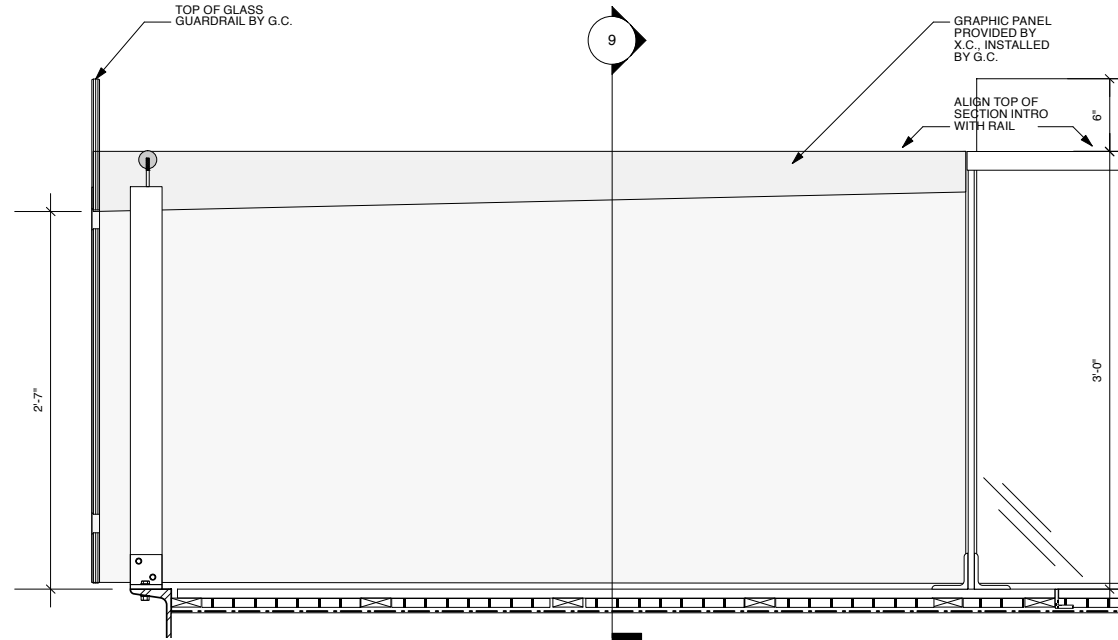
9 SECTION: BRIDGE SECTION INTRO

SCALE: 1-1/2"= 1'-0"



5 ELEVATION. BRIDGE GRAPHIC PANEL

SCALE: 1-1/2"= 1'-0"



8 ELEVATION: BRIDGE SECTION INTRO

SCALE: 1-1/2"= 1'-0"

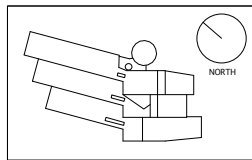
NOTE:
1. SEE GRAPHIC PANEL SCHEDULE FOR PANEL TREATMENTS AND SUBSTRATES
2. PROVIDE SHOP DWGS FOR COORDINATION OF ALL RAIL ELEMENTS WITH G.C.

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No. / Issue Name / Date

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008

No. / Issue Name / Date

Sheet Title
**Typical Details
Exhibit Rail System**

Date
Dec. 19, 2008

Scale*

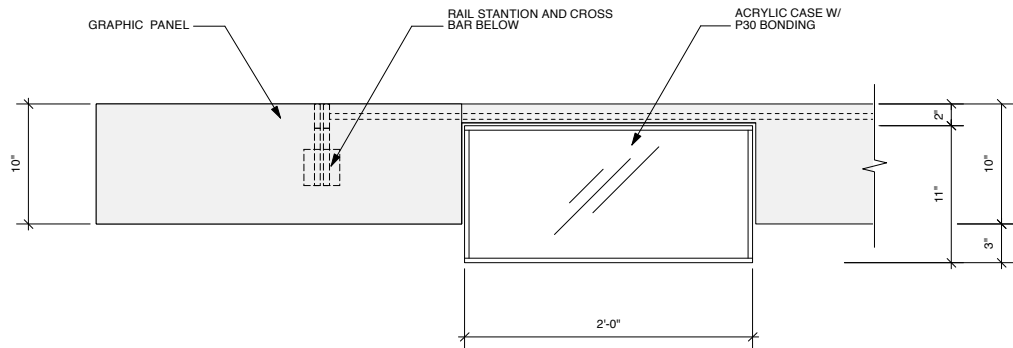
As Noted

Project No.
0275

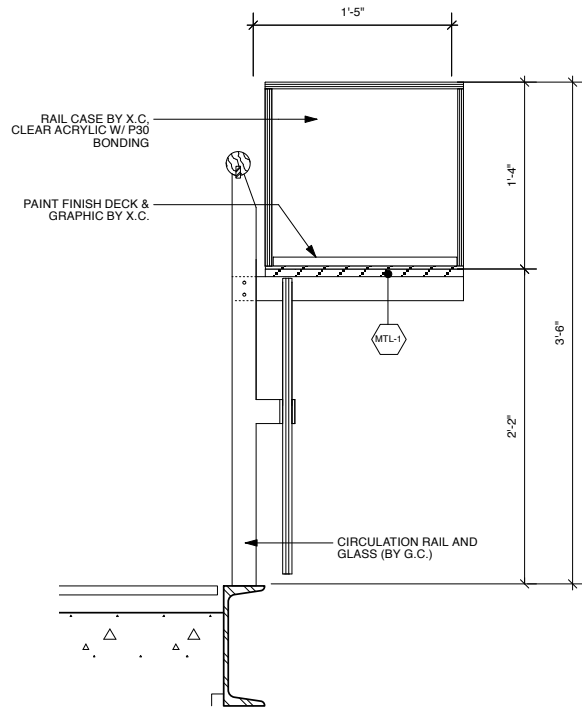
Sheet No.

X-TYP-3.00

*Note: Scale Given for Full Size Drawing Sheet (22" x 34")

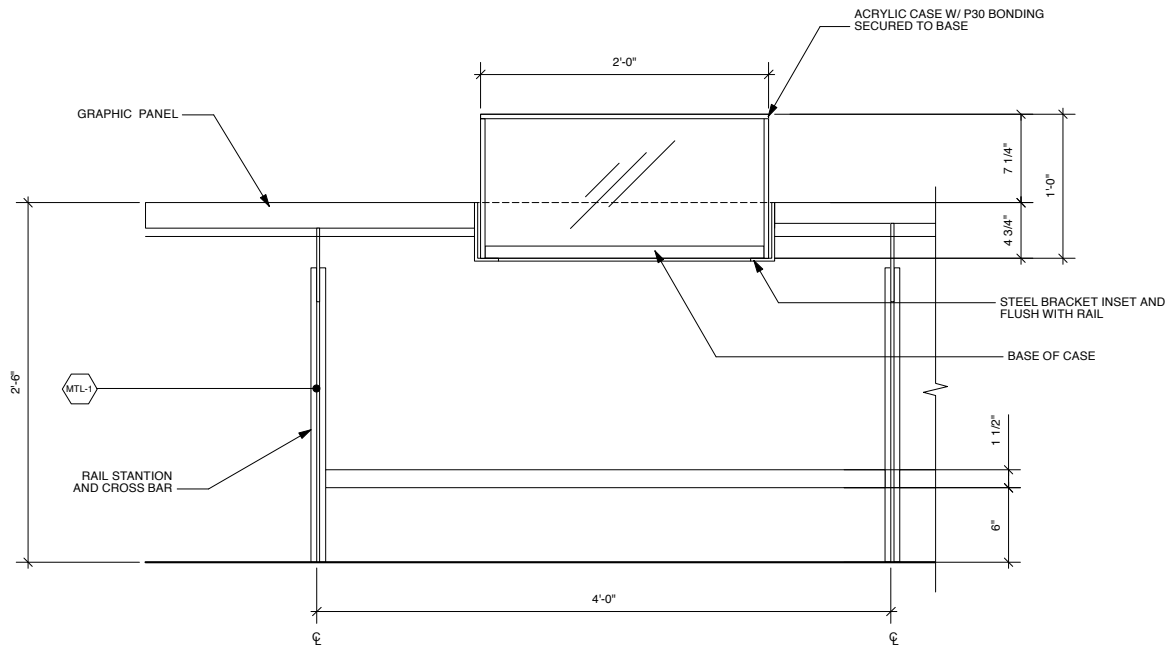


1 PLAN: TYP. RAIL CASE
SCALE: 1-1/2"= 1'-0"

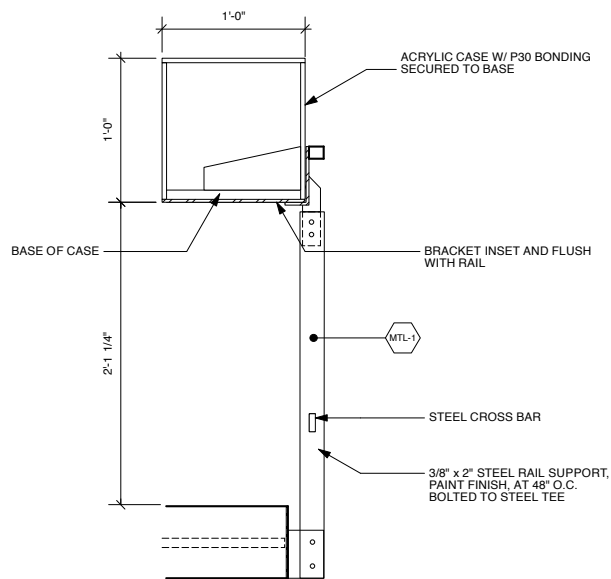


4 SECTION: BRIDGE RAIL CASE
SCALE: 1-1/2"= 1'-0"

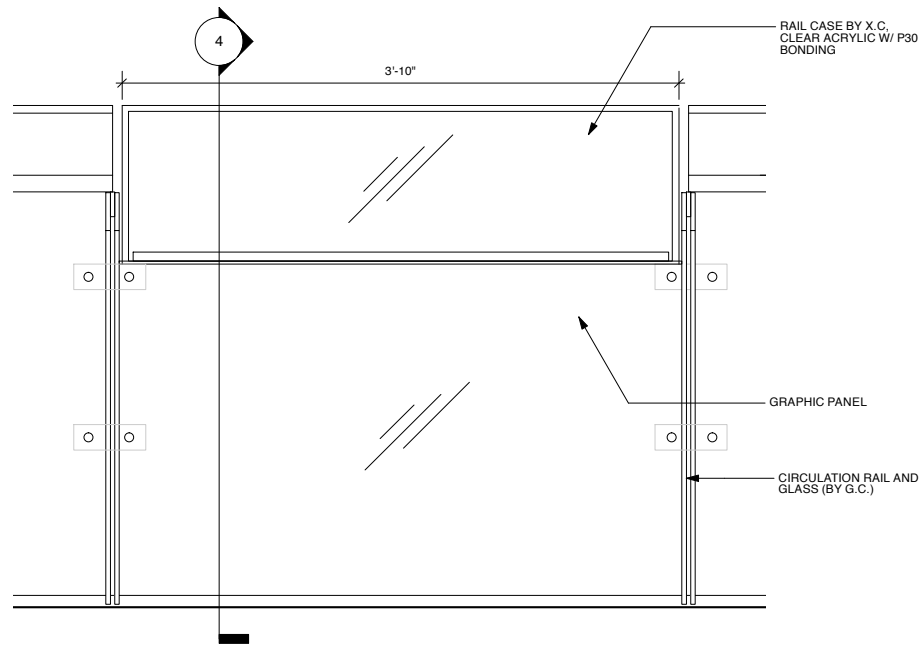
6 PLAN: BRIDGE RAIL CASE
SCALE: 1-1/2"= 1'-0"



2 ELEVATION: TYP. RAIL CASE
SCALE: 1-1/2"= 1'-0"



3 SECTION: TYP. RAIL CASE
SCALE: 1-1/2"= 1'-0"



5 ELEVATION: BRIDGE RAIL CASE
SCALE: 1-1/2"= 1'-0"

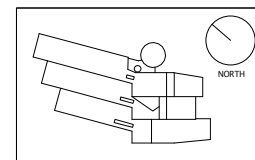
NOTE:
1. SEE GRAPHIC PANEL SCHEDULE FOR PANEL TREATMENTS AND SUBSTRATES
2. PROVIDE SHOP DWGS FOR COORDINATION OF ALL RAIL ELEMENTS WITH G.C.

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Exhibit Construction



Key Plan

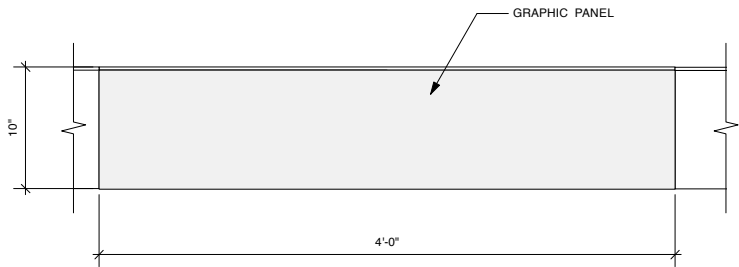
FD WS2rev	Sept.22, 2008
FD WS2	Sept.9, 2008
100% DD	June 2, 2008
XG 60% CD	May 5, 2008
WS9	March. 26, 2008
WS8	Feb. 20, 2008
WS7	Dec. 18, 2007
50% DD	Sept. 18, 2007
WS6	July 11, 2007
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No. / Issue Name / Date	

80% FD	Dec.19, 2008
FD WS4	Nov.18, 2008
FD WS3	Oct.16, 2008
No. / Issue Name / Date	

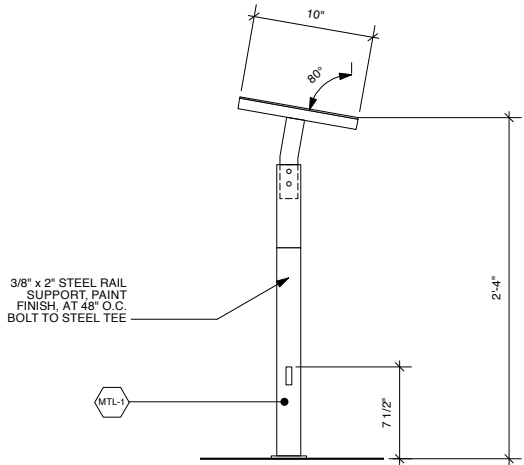
Sheet Title Typical Details Exhibit Rail System

Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X-TYP-3.10

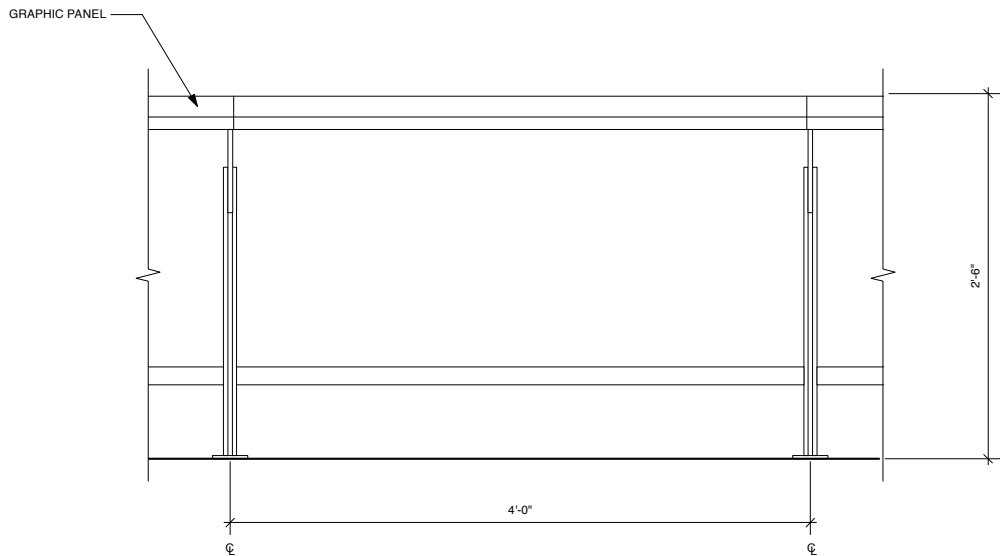
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



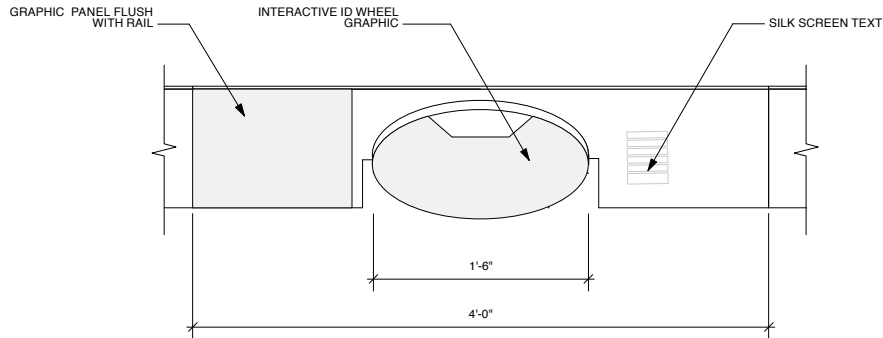
1 **PLAN: TYP. GRAPHIC RAIL**
SCALE: 1-1/2"= 1'-0"



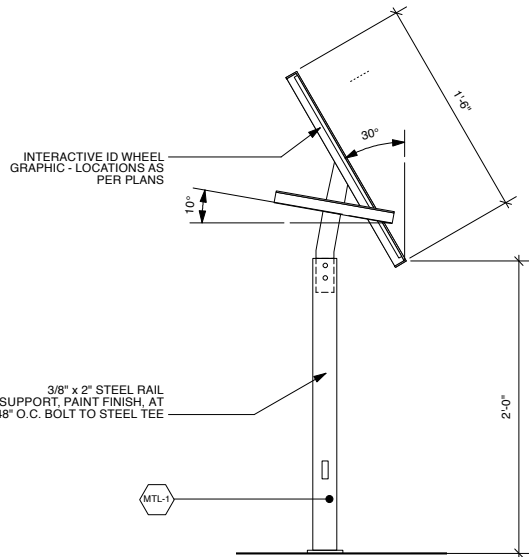
2 **SECTION: TYP. GRAPHIC RAIL**
SCALE: 1-1/2"= 1'-0"



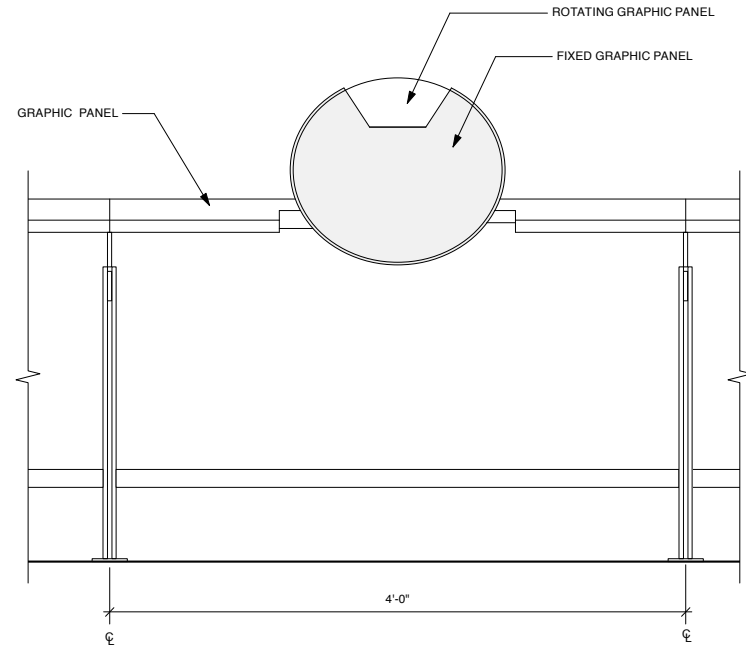
3 **ELEVATION: TYP. GRAPHIC RAIL**
SCALE: 1-1/2"= 1'-0"



4 **PLAN: TYP. RAIL ID LABEL**
SCALE: 1-1/2"= 1'-0"



5 **SECTION: TYP. RAIL ID LABEL**
SCALE: 1-1/2"= 1'-0"



6 **ELEVATION: TYP. RAIL ID LABEL**
SCALE: 1-1/2"= 1'-0"

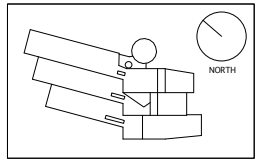
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Key Plan

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**Typical Details
Exhibit Rail System**

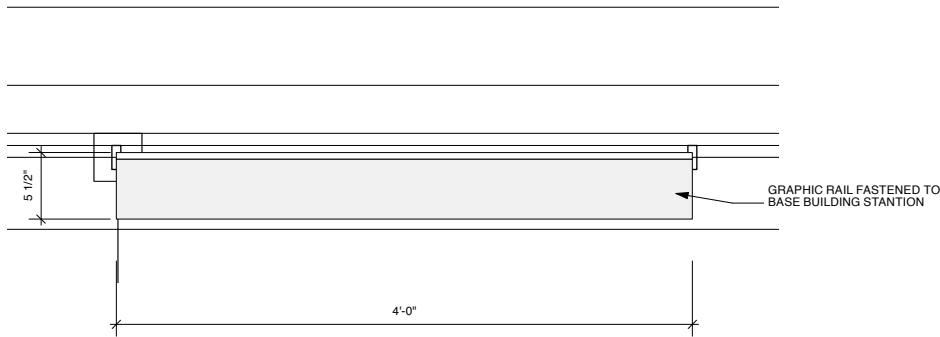
Date	Project No.
Dec. 19, 2008	0275
Scale*	Sheet No.
As Noted	X-TYP-3.20

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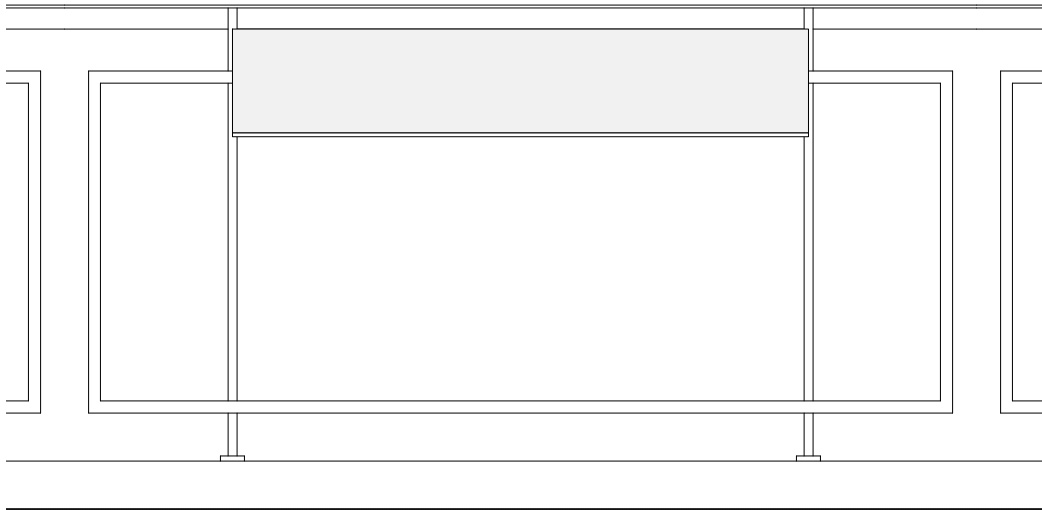


X-TYP-3.30

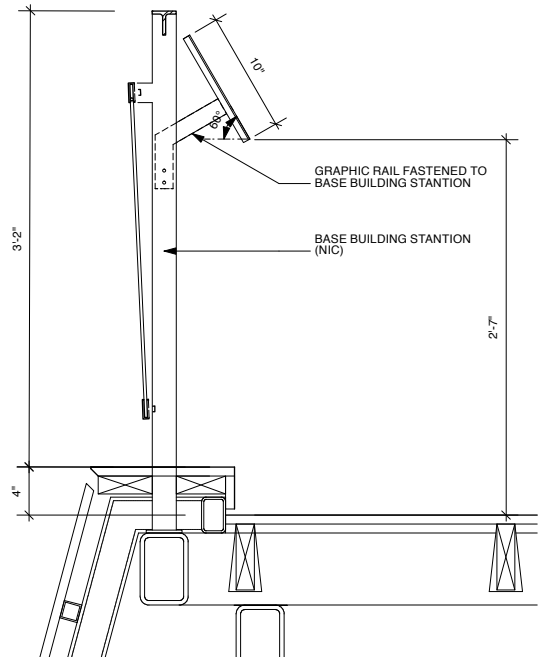
*Note: Scale Given for Full Size Drawing Sheet (22" x 34")



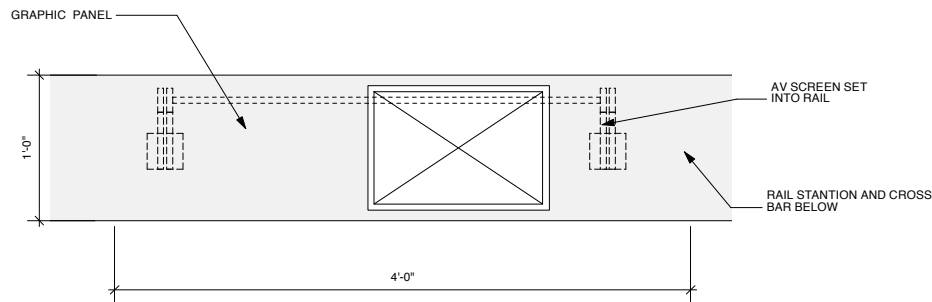
4 PLAN: ROOF RAIL GRAPHIC
SCALE: 1-1/2"= 1'-0"



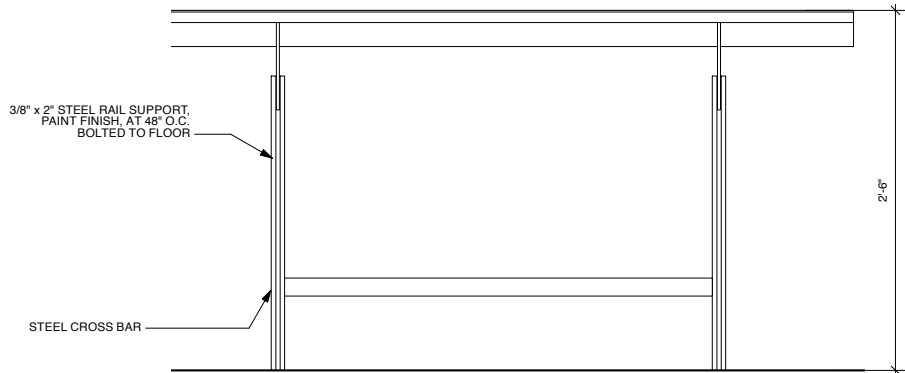
5 ELEVATION: ROOF RAIL GRAPHIC
SCALE: 1-1/2"= 1'-0"



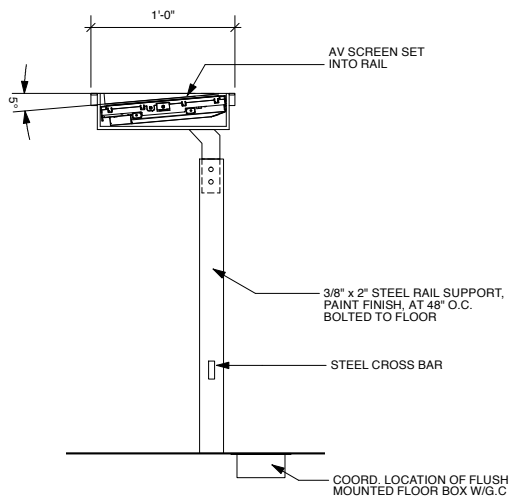
6 SECTION: ROOF RAIL GRAPHIC
SCALE: 1-1/2"= 1'-0"



1 PLAN: AV RAIL
SCALE: 1-1/2"= 1'-0"



2 ELEVATION: AV RAIL
SCALE: 1-1/2"= 1'-0"



3 SECTION: AV RAIL
SCALE: 1-1/2"= 1'-0"

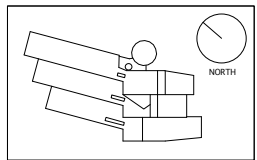
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Date	Dec. 19, 2008	Project No.	0275
Scale*	1 1/2" =1'-0"	Sheet No.	X-TYP-3.40

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